2.7 METEOROLOGY AND AIR QUALITY

2.7.1 General Climate

The Bell Bend Nuclear Power Plant (BBNPP) site is located in east-central Pennsylvania in the Susquehanna Valley. The site is in Luzerne County near the border with Columbia County, approximately 20 mi (32 km) west-southwest from Wilkes-Barre, Pennsylvania. Luzerne County is located in the Ridge and Valley Region (or Ridge and Valley Province), which lies northwest of the Piedmont and between the Blue Ridge and Allegheny Mountains. This is a region of forested ridges alternating with fertile and extensively farmed valleys. The Ridge and Valley Region is 80 to 100 mi (129 to 161 km) wide and characterized by parallel ridges and valleys oriented northeast-southwest. The mountain ridges vary from 1,300 to 1,600 feet (396 to 488 m) above sea level, with local relief from 600 to 700 ft (183 to 213 m). (NCDC, 2008)

The Ridge and Valley Region, while not having a true mountain climate, does have many of the characteristics of such a climate. The mountain/valley influence on air movements causes greater temperature extremes than found in southeastern Pennsylvania, and the daily range of temperature increases under the valley influences.

The effects of radiational cooling at night in the valleys and the tendency for cool air masses to flow down them at night result in a shortening of the growing season by causing freezes later in the spring and earlier in the fall than would otherwise occur. The growing (freeze-free) season in this area is longest in the middle Susquehanna Valley, where it averages about 165 days, and shortest in Schuylkill and Carbon Counties, averaging less than 130 days.

2.7.1.1 Winds

The annual prevailing wind direction (the direction from which the wind blows most often) at the BBNPP site at the 10 m (33 ft) level is from the east-northeast, approximately 15% of the time. Winds from the southwest are the next most dominant, occurring approximately 11% of the time. The least prevalent wind direction is from the west-northwest, approximately 2% of the time. The annual prevailing wind direction (the direction from which the wind blows most often) at the BBNPP site at the 60 m (197 ft) level is from the north-northeast, approximately 15% of the time. Winds from the southwest are the next most dominant, occurring approximately 12% of the time. The least prevalent wind direction is from the west-northwest, approximately 4% of the time. Winds at the site are described in more detail in Section 2.7.4.5.

2.7.1.2 Storm Tracks

According to information provided by the Oklahoma Climatological Survey, there are 30 to 50 days per year on which thunderstorms occur in the vicinity of the BBNPP site. National Hurricane Center statistics (NOAA, 2008b) list 52 hurricane and tropical storm records that have passed within 100 statute mi of the BBNPP site. In the eastern U.S., hurricane season begins June 1st and ends November 30th. Storms are described in more detail in Section 2.7.3.1 through Section 2.7.3.9.

2.7.1.3 Temperatures

The monthly mean temperatures at BBNPP during 2001-2006 range from 27.9°F (-2.3°C) in January to 71.6°F (22.0°C) in July. The monthly mean extreme maximum temperature during the same period was 73.6°F (23.1°C) in July and the monthly mean extreme minimum temperature was 21.0°F (-6.1°C) in January. The monthly mean daily maximum temperature was 81.6°F (27.6°C) in July and August and the monthly mean daily minimum temperature was 21.2°F (-6.0°C) in January. The maximum hourly temperature was 96.8°F (36.0°C) in August and the minimum hourly temperature was -7.0°F (-21.7°C) in January. The frequency of occurrence

of hourly temperature values falling below the freezing point (32°F or 0°C) is approximately 18%; the frequency of occurrence of hourly temperature values falling below 0°F (-17.8°C) is less than 0.1%. Temperatures at the BBNPP are described in more detail in Section 2.7.4.1.

2.7.1.4 Precipitation

The annual precipitation in this area averages 3 to 4 in (76 to 102 mm) more than in the southeastern part of the state, but the geographic distribution is less uniform. The mountain ridges are high enough to have some deflecting influence on general storm winds, while summer showers and thunderstorms tend to follow along the valleys. Seasonal snowfall of the Ridge and Valley Region varies considerably within short distances. It is greatest in Somerset county, averaging 88 in (2,235 mm) in the vicinity of Somerset, and least in Huntingdon, Mifflin, and Juniata Counties, averaging about 37 in (940 mm).

The BBNPP site and the Wilkes-Barre/Scranton observation site are located in climate division PA-01 (Pocono Mountains), 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. The long term (1931-2000) annual average precipitation in the PA-01 climate division is 43.94 in (1,116 mm) per year (NCDC, 2008a). The long term (1931-2000) annual average temperature in the PA-01 climate division is 46.8°F (8.2°C). The long term (1931-2000) average monthly temperatures for January and July in the PA-01 climate division are 24.0°F (-4.4°C) and 69.2°F (20.7°C), respectively (NCDC, 2008b).

2.7.1.5 Possible Changes in Climate

Historical data and current literature on postulated long-term environmental changes were reviewed to provide assurance that the methods to predict weather extremes are appropriate and reasonable. Globally, reports issued by the International Panel on Climate Change (IPCC, 2007) and the U.S. Global Change Research Program (GCRP, 2009) indicate that global average air temperatures are increasing. However, there is insufficient evidence to determine whether trends exist in small-scale phenomena such as tornadoes, hail, lightning, and dust storms, and there is no clear trend In the annual number of tropical storms (IPCC, 2007).

Regionally, the Pennsylvania Department of Environmental Protection reports (ENRI, 2009) that climate change could result in the following impacts in Pennsylvania:

- Temperature is projected to increase throughout the century, but is dependent on emissions scenario, especially by late century. The temperature rise for a high emission scenario at the end of the century, for instance, is nearly twice that of a low emission scenario.
- Precipitation is projected to increase during the winter, with small to no increase In summer. There is also a potential increase in heavy precipitation events. As a result, a substantial decrease in snow cover extent and duration is expected.
- Tropical and extratropical storms may increase in intensity, but there is substantial uncertainty in their future projections.

The Pennsylvania Department of Environmental Protection further reports that the potential impacts over the next 20 years do not differ between a high and low emission scenario. However, Pennsylvania's projected climate by the end of the century differs significantly between the two emissions scenarios.

As a result, the above described climate change projections have a degree of uncertainty. Although broad trends that may result as a consequence of climate change are identified, such projections are so general that an assessment of the potential impact on design site characteristics is inherently limited.

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, 2007) 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 (µg/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.

2.7.2.2 Luzerne County

Based on EPA data (USEPA, 2008)), Luzerne County, Pennsylvania, is in attainment for all the National Ambient Air Quality Standards (NAAQS). The NAAQS are presented in Table 2.7-1. Based on Pennsylvania Department of Environmental Protection data, the BBNPP site location was in attainment in 2004 (most recent report available on the PADEP web site as of February 28, 2008) for sulfur dioxide, particulate matter (2.5 microns), carbon monoxide, and ozone. (PADEP, 2008)

Luzerne County is part of the Northeast Pennsylvania-Upper Delaware Valley Interstate Air Quality Control Region (AQCR) (CFR, 2008a). The attainment status of the Northeast Pennsylvania-Upper Delaware Valley Interstate AQCR with regard to national ambient air quality standards is listed as being better than national standards for sulphur dioxide, ozone (8-hr), and total suspended particulates; unclassifiable/attainment for carbon monoxide, nitrogen dioxide, and particulate matter (2.5 microns); unclassifiable for particulate matter (10 microns); nonattainment/marginal for ozone (1-hr); and not designated for lead (CFR, 2008b). Note that the 1-hour ozone standard was revoked effective June 15, 2005, for all areas in Pennsylvania.

2.7.2.3 Columbia County

Based on EPA data (USEPA, 2008), Columbia County, Pennsylvania, is in attainment for all the National Ambient Air Quality Standards (NAAQS). The NAAQS are presented in Table 2.7-1.

Columbia County is part of the Central Pennsylvania Intrastate Air Quality Control Region (AQCR) (CFR, 2008c). The attainment status of the Central Pennsylvania Intrastate AQCR with regard to national ambient air quality standards is listed as being better than national standards for sulphur dioxide, nitrogen dioxide, and total suspended particulates, unclassifiable/attainment for carbon monoxide, particulate matter (2.5 and 10 microns), and

ozone (8-hr), nonattainment/marginal for ozone (1-hr) (CFR, 2008b). Note that the 1-hour ozone standard was revoked effective June 15, 2005, for all areas in Pennsylvania.

2.7.2.4 Class 1 Federal Lands

Class 1 federal lands include areas such as national parks, national wilderness areas, and national monuments. These areas are granted special air quality protections under Section 162(a) of the federal Clean Air Act. 40 CFR section 51.307 requires the operator of any new major stationary source or major modificationlocated witin 100 kilometers of a Class 1 area to contact the Federal Land Managers for that area.

The closest Class 1 Federal Land to BBNPP is the Brigantine Wilderness Area, New Jersey, which was established in 1939. In 1984 Brigantine was combined with Barnegat and the overall property was renamed the Edwin B. Forsythe Refuge. The distance from BBNPP to the Brigantine Wilderness Area is approximately 150 mi (242 km); therefore, no action is required.

2.7.3 Severe Weather Phenomena

2.7.3.1 Tornados

Figure 2.7-1 and Figure 2.7-2 show the annual average number of tornadoes and strong-violent tornadoes respectively. Tornadoes occur infrequently in Pennsylvania compared with areas such as the Great Plains, as can be seen in Figure 2.7-1. Pennsylvania averaged ten tornadoes a year during the period from 1950-1995. Pennsylvania averaged three strong-violent tornadoes a year during the period from 1950-1995.

The National Climatic Data Center's Storm Events database (NOAA, 2008a) indicates that there were 15 tornadoes in Luzerne County, Pennsylvania, between January 1, 1950, and August 31, 2007 (Table 2.7-2). This corresponds to an annual average of about 0.3 tornadoes per year. None of these 15 tornadoes were estimated to be an F3 or higher on the Fujita scale. An F0 tornado has estimated wind speeds less than 73 mph (33 m/sec). An F1 tornado has estimated wind speeds between 73 and 112 mph (33 and 50 m/sec). An F2 tornado has estimated wind speeds between 113 and 157 mph (50 and 70 m/sec). An F3 tornado has estimated wind speeds between 158 and 206 mph (71 to 92 m/sec) (NOAA, 2008d). The width of the paths of the 15 tornadoes in Luzerne Count were estimated to range from 13 to 530 yards (12 to 485 m).

The National Climatic Data Center's Storm Events database (NOAA, 2008a) indicates that there were eight tornadoes in Columbia County, Pennsylvania, between January 1, 1950, and November, 2007. This corresponds to an annual average of about 0.14 tornadoes per year. None of these eight tornadoes were estimated to be an F3 or higher on the Fujita scale. The width of the paths of the 15 tornadoes in Columbia Count were estimated to range from 10 to 75 yards (9 to 69 m).

NUREG/CR-4461, Revision 2, Table 5-1 (NRC, 2007a) presents tornado strike probabilities for the contiguous U.S. and for the West, Central, and East regions of the country. The listed tornado strike probability for the East region, in which BBNPP is located, is 2.58 E-5. This value takes into account finite building dimensions and the variation of tornado intensity along and across the tornado path (NRC, 2007a).

2.7.3.2 Hurricanes and Tropical Storms

National Hurricane Center statistics (NOAA, 2008b) list 52 records of hurricanes and tropical storms that have passed within 100 statute mi (161 km) of the BBNPP site. Note that the Saffir-Simpson Hurricane Scale ranks hurricanes on a scale of 1-5 based on the intensity of the

storm (NOAA, 2008c). In the eastern U.S., hurricane season begins June 1st and ends November 30th.

Table 2.7-4 shows the total and average number of tropical storms and hurricanes, by month, for the period 1851-2004 (NOAA, 2005). Note that most tropical storms and hurricanes occur in September.

Table 2.7-5 presents the year, month, day of occurrence of the 52 storm records as well as information, if available, on wind speed and atmospheric pressure. During the period of record, the 52 records describe 26 events; one category 1 hurricane, 11 tropical storms, 6 tropical depressions, and 8 extratropical storms passed within 100 statute mi (161 km) of the BBNPP site. The hurricane occurred in the month of October and the tropical storms occurred in August and September.

2.7.3.3 Thunderstorms

According to information provided by the Oklahoma Climatological Survey, and presented in Table 2.7-3, there are 30 to 50 days per year on which thunderstorms occur in the vicinity of the BBNPP site.

Table 2.7-6 presents the monthly mean number of days on which thunderstorms occurred at Wilkes-Barre/Scranton Pennsylvania, during the period from 1950 through 2006 (NCDC, 2006a), Allentown, Pennsylvania, during the period from 1947 through 2006 (NCDC, 2006b), and Williamsport, Pennsylvania, during the period from 1953 through 2006 (NCDC, 2006c). Wilkes-Barre/Scranton, Allentown, and Williamsport are the National Weather Service primary stations closest to BBNPP.

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 BBNPP site (conservatively estimated using Figure 2.7-5 (NOAA, 2007)). The total attractive area, A, of a structure with lengt h 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 BBNPP (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):

$$L = 215 \text{ m}, W = 140 \text{ m}, H = 40 \text{ m}$$

The total attractive area is therefore equal to 0.11 square kilometers. Consequently, the lightning strike frequency computed using Marshall's methodology for BBNPP is 0.44 flashes per year.

2.7.3.5 Droughts

Eight drought events were listed in the National Climatic Data Center's Storm Events database (NOAA, 2008a) for Luzerne County, Pennsylvania (Table 2.7-7). The following description of the latest drought event (September 1, 1999) is from the National Climatic Data Center (NOAA, 2008a):

> A very dry spring and summer caused major crop failures and some wells to run dry. Many streams and rivers were also brought to their lowest recorded levels. The crops most affected were corn and hay, which dealt a major blow to dairy farmers. September rains from the remnants of Hurricanes Dennis and Floyd helped to ease the summertime drought conditions although they came too late to help the vegetable and grain crops. Approximately 20 million dollars in crop damage occurred.

Eight drought events were listed in the National Climatic Data Center's Storm Events database (NOAA, 2008a) for Columbia County, Pennsylvania from 1993-2008 (Table 2.7-8). The following description of the latest drought event (August 1, 1999) is from the National Climatic Data Center (NOAA, 2008a):

> A drought emergency remained in effect for 55 of the 67 counties of Pennsylvania. In spite of the severe flash flooding in a few locations and normal or above normal precipitation in many others, water tables remained low and water usage was restricted.
>
> Ohio and New York experienced similar drought conditions during this period.

2.7.3.6 High Winds

Table 2.7-9 presents occurrences of winds of 50 knots or greater (58 mph (26 m/sec)) by storm type for Luzerne County. These data were retrieved from the National Climatic Data Center's Storm Events database (NOAA, 2008a). There were 55 events that occurred during the period from June 6, 1971, through August 25, 2007. Wind speeds ranged from 50 to 175 knots (58 to 201 mph (26 to 90 m/sec)). The highest recorded value of 175 knots (201 mph (90 m/sec)) occurred on May 31, 1998, during a thunderstorm event.

Table 2.7-10 presents occurrences of winds of 50 knots or greater (58 mph (26 m/sec)) by storm type for Columbia County. These data were retrieved from the National Climatic Data Center's Storm Events database (NOAA, 2008a). There were 56 events that occurred during the period from April 17, 1982 through August 25, 2007. Wind speeds ranged from 50 to 75 knots (58 to 86 mph (26 to 39 m/sec)). The highest value occurred on July 13, 2005.

2.7.3.7 Hail

Table 2.7-11 presents occurrences of hail events reported in Luzerne County. These data were retrieved from the National Climatic Data Center's Storm Events database (NOAA, 2008a). There were 45 events that occurred between June 1958 and March 2008. Hail stone diameters ranged from 0.75 to 2.75 in (19.1 to 69.9 mm) with the largest values occurring on June 24, 1985.

Table 2.7-12 presents occurrences of hail events reported in Columbia County. These data were retrieved from the National Climatic Data Center's Storm Events database (NOAA, 2008a).

There were 28 events that occurred between July 1980 and August 2007. Hail stone diameters ranged from 0.75 to 2.75 in (19.1 to 69.9 mm). The largest values occurred on, July 19, 1983.

2.7.3.8 Ice Storms

Table 2.7-13 presents ice storm events which occurred in Luzerne County, Pennsylvania. These data were retrieved from the National Climatic Data Center's Storm Events database (NOAA, 2008a). There were 13 events that occurred between January 1999 and April 2007. Up to 0.50 in (13 mm) of ice accumulated during the December 13, 2000, event.

Table 2.7-14 presents ice storm events which occurred in Columbia County, Pennsylvania. These data were retrieved from the National Climatic Data Center's Storm Events database (NOAA, 2008a). There were 28 events that occurred between November 1994 and February 2007. Up to 0.25 in (6.35 mm) of ice accumulated during the December 13, 2000, December 11, 2003, and December 16, 2005 events.

2.7.3.9 Snow Storms

Table 2.7-15 presents snow storm events which occurred in Luzerne County, Pennsylvania. These data were retrieved from the National Climatic Data Center's Storm Events database (NOAA, 2008a). There were 44 events that occurred between February 1995 and April 2007. During the period, the Wilkes-Barre/Scranton Airport in Avoca, Pennsylvania, recorded the largest snowfall at 30 in (762 mm) during the March 31, 1997 event.

Table 2.7-17 presents snow storm events which occurred in Columbia County, Pennsylvania. These data were retrieved from the National Climatic Data Center's Storm Events database (NOAA, 2008a). There were 40 snow events that occurred between January 1995 and March 2007 disregarding ice events. During the period, snow up to 18 in (457 mm) fell during the December 25, 2002 event.

2.7.4 Local Meteorology

Susquehanna Steam Electric Station (SSES) Units 1 and 2 meteorological data were 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. The data recovery goal of 90% was made for all years.

BBNPP will be licensed to Regulatory Guide 1.23, Revision 1. As a result, an analysis of the differences between Regulatory Guide 1.23, Revision 0 and Regulatory Guide 1.23, Revision 1, was made. The analysis 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 SSES Units 1 and 2 in analyses for BBNPP.

2.7.4.1 Temperature and Relative Humidity

Daily averages and extremes of temperature and dew point temperature from the SSES onsite meteorological monitoring program are presented in Table 2.7-18 and Table 2.7-19 for the period from January 2001 through December 2006. Daily averages and extremes of temperature and dew point temperature from Williamsport, PA, are presented in Table 2.7-20 for the period January 2000 through December 2005. Monthly and annual temperature summaries from the SSES onsite meteorological monitoring program are presented in Table 2.7-21 through Table 2.7-27 for the period January 2001 through December 2006. Monthly and annual dew point temperature summaries from the SSES Units 1 and 2 onsite meteorological monitoring program are presented in Table 2.7-28. Hours and percent frequency of occurrence of hourly temperature values greater than 95°F (35°C) and 90°F

(32.2°C), and less than 32°F (0°C) and 0°F (-17.8°C), are presented in Table 2.7-29. Monthly and annual relative humidity summaries from the SSES Units 1 and 2 onsite meteorological monitoring program are presented in Table 2.7-30.

The monthly mean temperatures from the SSES onsite meteorological monitoring program during 2001-2006 range from 27.9°F (-2.3°C) in January to 71.6°F (22.0°C) in July. The monthly mean extreme maximum temperature during the same period was 73.6°F (23.1°C) in July and the monthly mean extreme minimum temperature was 21.0°F (-6.1°C) in January. The monthly mean daily maximum temperature was 81.6°F (27.6°C) in July and August and the monthly mean daily minimum temperature was 21.2°F (-6.0°C) in January. The maximum hourly temperature was 96.8°F (36.0°C) in August and the minimum hourly temperature was -7.0°F (-21.7°C) in January. The frequency of occurrence of hourly temperature values falling below the freezing point (32°F or 0°C) is approximately 18%; the frequency of occurrence of hourly temperature values falling below 0°F (-17.8°C) is less than 0.1%.

The monthly mean dew point temperatures from the SSES onsite meteorological monitoring program during 2001-2006 range from 15.5°F (-9.2°C) in January to 56.8°F (13.8°C) in July and August. The annual average dew point temperature is 35.9°F (2.2°C).

Temperature and humidity statistics for sites around BBNPP are presented in Table 2.7-31 through Table 2.7-41 for the period from 1971 through 2000, unless otherwise noted (NCDC, 2006a) (NCDC, 2006b) (NCDC, 2006c). Wilkes-Barre/Scranton, Allentown, and Williamsport, Pennsylvania, are the three first order National Weather Service sites closest to BBNPP. Wilkes-Barre/Scranton is approximately 36 mi (58 km) from BBNPP. Allentown and Williamsport are approximately 50 mi (80 km) from BBNPP. In addition, the Wilkes-Barre/ Scranton observation site is located within climate division PA-01 (NCDC, 2004), as is the BBNPP site. Wet bulb and dew point temperature values are from the 23-year period from 1978-2000. Monthly mean dew point temperatures measured at SSES Units 1 and 2 are 3 to 4 degrees Fahrenheit lower than the same values measured at Wilkes-Barre/Scranton, Allentown, and Williamsport. Similarly, the annual average dew point temperature measured at SSES Units 1 and 2, 35.9°F (2.2°C), is lower than the values measured at Wilkes-Barre/ Scranton 39.5°F (4.2°C), Allentown 41.2°F (5.1°C), and Williamsport 40.4°F (4.7°C).

Table 2.7-42 through Table 2.7-45 present monthly design dry bulb temperature and the mean coincident wet bulb temperature and the monthly design wet bulb temperature and the mean coincident dry bulb temperature for locations in the vicinity of BBNPP. These 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. Data for Wilkes-Barre/Scranton and Allentown, Pennsylvania, are from the period 1972-2001.

Weather Data Version 3.0 (ASHRAE, 2005) provides extreme annual dry bulb temperature and 50-year return period extreme dry bulb temperature values. Also provided is an equation that can be used to determine the 100-year return period extreme dry bulb temperature values. The following method can be used to estimate the return period (recurrence interval) of extreme temperatures:

$Tn = M + I F s$

where

Tn = n-year return period value of extreme dry-bulb temperature to be estimated, years

M = mean of the annual extreme maximum or minimum dry-bulb temperatures

s = standard deviation of the annual extreme maximum or minimum dry-bulb temperatures

I = 1, if maximum dry-bulb temperatures are being considered

= -1, if minimum dry-bulb temperatures are being considered

and F is given by:

$$F = -(\sqrt{6})/\Pi\left[0.5772 + \ln\left[\ln\left(\frac{n}{n-1}\right)\right]\right]$$

Using this equation and the mean and standard deviation of the extreme annual dry bulb temperature values, the 100-year return period extreme dry bulb temperature values were determined. These values are presented in Table 2.7-46 and Table 2.7-47.

2.7.4.2 Heating and Cooling Degree Days

A degree day is a measure of the departure of the mean daily temperature from a given standard one degree day for each degree of departure above or below the standard during one day (ASHRAE, 2005). Degree days are accumlated over a season and the total is used as an index of past temperature effect upon some quantity, such as fuel consumption. Heating and cooling degree days at Wilkes-Barre/Scranton, Allentown, and Williamsport, Pennsylvania are presented in Table 2.7-48 and Table 2.7-49

2.7.4.3 Precipitation and Fog

The monthly and annual precipitation summary from the SSES onsite meteorological monitoring program is presented in Table 2.7-50 through Table 2.7-53 for the period from 2001-2006. Precipitation statistics from NWS sites around BBNPP are presented in Table 2.7-54 through Table 2.7-56 for the period from 1971-2000 (NCDC, 2006a) (NCDC, 2006b) (NCDC, 2006c) (NCDC, 2002c). Monthly and annual summaries of heavy fog (visibility less than one quarter mile) are presented in Table 2.7-57 for sites around BBNPP for the period from 1964-2006 (NCDC, 2006a) (NCDC, 2006b) (NCDC, 2006c). Note that only precipitation statistics were available for the observation site at Shickshinny, PA, which is located approximately 6 mi (10 km) from the BBNPP site.

Monthly average precipitation at SSES ranges from 1.88 in (47.75 mm) in February to 4.44 in (112.78 mm) in October. Monthly percent frequency of occurrence of precipitation at the SSES site ranges from 4.55% in July to 8.56% in January. The rainfall rate distribution presented in Table 2.7-52 indicates that heavy rainfalls occur infrequently at the SSES site. The maximum monthly precipitation measured at the SSES site corresponds well with the values from the NWS sites around the plant. The minimum monthly precipitation measured at the SSES 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 SSES site versus 30 years for the NWS sites).

Monthly precipitation wind rose plots at the SSES site for the 33 ft (10 m) and 197 ft (60 m) elevations are presented in Figure 2.7-5 through Figure 2.7-30. These precipitation wind roses portray joint frequency distributions of wind speed and direction as a function of atmospheric stability for only those hours in which precipitation was recorded. These monthly precipitation wind roses indicate that the most frequent wind direction has either a north-easterly or south-westerly component.

Monthly precipitation rate wind rose plots at the SSES site for the 33 ft (10 m) and 197 ft (60 m) elevations are presented in Figure 2.7-31 through Figure 2.7-54. These precipitation rate wind roses portray joint frequency distributions of wind speed and direction as a function of atmospheric stability for only those hours in which precipitation was recorded falling at a certain intensity; in this case, 0.1-0.2 inches/hour or 2.5-5.1 mm/hr. These monthly precipitation rate wind roses indicate that the most frequent wind direction has either a north-easterly or south-westerly component when precipitation is falling at 0.1 to 0.2 inches/ hour or 2.5-5.1 mm/h.

2.7.4.4 Monthly Mixing Height Data and Inversion Summary

Twice daily mixing height values for the period January 1997 through October 2007 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 National Weather Service stations near the BBNPP (Buffalo, New York and Wilkes-Barre, Pennsylvania, respectively). Daily average mixing height values were calculated for each day that had both a morning and afternoon mixing height value; days not having both morning and afternoon mixing height values were excluded.

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 3,067 ft (935 m) is the average of all of the individual January mixing height values from 1997 through 2007. The number of valid days of data per month ranged from 14 to 31 (that is, days that had both a morning and afternoon mixing height value). The annual average mixing height value is 3,459 ft (1055 m). Table 2.7-165 and Table 2.7-166 present the monthly and annual mixing height values in meters and feet, respectively. Figure 2.7-96 presents a graphical representation.

The annual average mixing height value determined using EPA Report AP-101 (USEPA, 1972) is 2,953 ft (900 m). This value was determined using a five-year observation period at 62 stations in the continental U.S. This value, 2,953 ft (900 m), was used since it was derived from a larger sample size (62 stations versus one station) and its use resulted in more conservative results.

Frequency and persistence of temperature inversion conditions at SSES are presented in Table 2.7-123 through Table 2.7-128. These tables were determined using onsite meteorological data for the years 2001-2005. The maximum temperature inversion duration was 27 hours. Approximately 75% of the inversions lasted less than 12 hours.

2.7.4.5 Wind Speed and Direction

Table 2.7-58 through Table 2.7-91 present annual, seasonal, and monthly joint frequency distributions of wind speed and direction as a function of atmospheric stability derived from

the SSES onsite meteorological monitoring program. These tables were developed using six years of onsite meteorological data (2001-2006) following the guidance in Regulatory Guide 1.23, Revision 0 (NRC, 1972).

The annual prevailing wind direction (the direction from which the wind blows most often) at the SSES site at the 33 ft (10 m) level is from the east-northeast, approximately 15% of the time. This is due primarily to low-speed drainage flows down the Susquehanna River Valley. Winds from the southwest are the next most dominant, occurring approximately 11% of the time. The least prevalent wind direction is from the west-northwest, approximately 2% of the time. The annual prevailing wind direction (the direction from which the wind blows most often) at the SSES site at the 197 ft (60 m) level is from the north-northeast, approximately 15% of the time. Winds from the southwest are the next most dominant, occurring approximately 12% of the time. The least prevalent wind direction is from the west-northwest, approximately 2% of the time.

During the winter, the prevailing wind direction at the 33 ft (10 m) level is from the southwest, approximately 12% of the time. Winds from the east-northeast are the next most dominant, occurring approximately 11% of the time. The least prevalent wind direction is from the west-northwest, approximately 3% of the time. The prevailing wind direction at the 197 ft (60 m) level is from the west-southwest, approximately 16% of the time. Winds from the southwest are the next most dominant, occurring approximately 12% of the time. The least prevalent wind direction is from the east-southeast, approximately 2% of the time.

During the spring, the prevailing wind direction at the 33 ft (10 m) level is from the east-northeast, approximately 12% of the time. Winds from the northeast are the next most dominant, occurring approximately 10% of the time. The least prevalent wind direction is from the west-northwest, approximately 3% of the time. The prevailing wind direction at the 197 ft (60 m) level is from the north-northeast, approximately 14% of the time. Winds from the northeast are the next most dominant, occurring approximately 10% of the time. The least prevalent wind direction is from the east, approximately 3% of the time.

During the summer, the prevailing wind direction at the 33 ft (10 m) level is from the east-northeast, approximately 18% of the time. Winds from the southwest are the next most dominant, occurring approximately 12% of the time. The least prevalent wind direction is from the west-northwest, approximately 1% of the time. The prevailing wind direction at the 197 ft (60 m) level is from the north-northeast, approximately 18% of the time. Winds from the southwest are the next most dominant, occurring approximately 15% of the time. The least prevalent wind direction is from the west-northwest, approximately 1% of the time.

During the autumn, the prevailing wind direction at the 33 ft (10 m) level is from the east-northeast, approximately 17% of the time. Winds from the northeast are the next most dominant, occurring approximately 10% of the time. The least prevalent wind direction is from the west-northwest, approximately 2% of the time. The prevailing wind direction at the 197 ft (60 m) level is from the north-northeast, approximately 18% of the time. Winds from the northeast are the next most dominant, occurring approximately 11% of the time. The least prevalent wind direction is from the west-northwest, approximately 2% of the time.

The most prevalent wind speed class on an annual basis for the 33 ft (10 m) level is the calm to 3 mph (calm to 1.3 mps) class, which occurs approximately 48% of the time. The most prevalent wind speed class on an annual basis for the 197 ft (60 m) level is the 4 to 7 mph (1.8 to 3.1 mps) class, which occurs approximately 34% of the time.

On a seasonal basis, the most prevalent wind speed class for the 33 ft (10 m) level is the calm to 3 mph (calm to 1.3 mps) class, which occurs approximately 42% of the time in the winter, 39% of the time in the spring, 58% of the time in the summer, and 53% of the time in the autumn. At the 197 ft (60 m) level, the most prevalent wind speed class is the 4 to 7 mph (1.8 to 3.1 mps) class, which occurs approximately 29% of the time winter, 32% of the time in the spring, 40% of the time in the summer, and 35% of the time in the autumn.

Table 2.7-92 through Table 2.7-94 present monthly and annual summaries of wind speed and direction for three stations around the BBNPP site (Wilkes-Barre/Scranton, Allentown, and Williamsport, Pennsylvania) (NCDC, 2006a) (NCDC, 2006b) (NCDC, 2006c). Note that the most prevalent wind speed class on an annual basis for the 33 ft (10 m) level is lower than the average annual wind speeds at the same measurement height presented for these three stations (7.5 mph (3.3 mps), 7.9 mph (3.5 mps), 6.9 mph (3.1 mps), respectively); this would lead to more conservative atmospheric dispersion estimates using the SSES onsite meteorological data.

Figure 2.7-55 through Figure 2.7-88 depict annual, seasonal, and monthly wind rose plots made using six years of SSES onsite meteorological data (2001-2006) for the 33 ft (10 m) and 197 ft (60 m) elevations.

Figure 2.7-89 through Figure 2.7-91 depict multi-year summaries of wind speed and direction for three NWS stations around BBNPP (Wilkes-Barre/Scranton, Allentown, and Williamsport, Pennsylvania) (NCDC, 2009)

BBNPP is located in the Ridge and Valley Region of Pennsylvania. The predominate southwest to northeast orientation of topographic ridge lines in the vicinity of BBNPP has a large influence on low level winds. The ridges and the Susquehanna River Valley funnel a localized, low level wind flow up or down the valley. This provides a common factor between the BBNPP site and the National Weather Service sites at Wilkes- BarreIScranton and Williamsport. All three of these sites experience air flow predominately along the ridges/river valley.

The SSES 10-m annual wind rose and the Wilkes-Barre/Scranton and Williamsport annual wind roses indicate air flow up and down the river valley is a major component of the overall air flow. The flow at Allentown is channeled by the topography east of the airport that runs from the northeast to the southwest. The increased frequency of winds from the NNE and NE measured by the SSES tower (used for the pre-operational phase for BBNPP) are due to low-speed drainage flows down the river valley.

A comparison of Figure 2.7-55 with Figure 2.7-89, Figure 2.7-90, and Figure 2.7-91 indicates that there are more than twice as many low-wind speed events measured at SSES than at the three NWS sites. This lends credence to the idea that differences in wind speed group frequencies between the BBNPP site and the three NWS sites may be attributable to the differing goals of the meteorological measurement programs - atmospheric dispersion (low-wind speed events more important) versus general aviation (high-wind speed events more important).

2.7.4.6 Wind Direction Persistence Summary

Table 2.7-95 through Table 2.7-108 present annual wind direction persistence summaries at the SSES site for the 33 ft (10 m) and 197 ft (60 m) elevations. They were generated using six years of onsite meteorological data (2001-2006). Table 2.7-101 and Table 2.7-108 present an average of the six individual year summaries for both elevations.

The majority of the time, approximately 94%, wind direction persistence events last for less than four hours at both measurement levels. Wind direction persistence events lasting 12 hours occur five and six 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 and twice per year on the average for the lower and upper measurement level, respectively.

2.7.4.7 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 C and D 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, 2007b). This methodology classifies atmospheric stability based on the temperature change with height (°C per 100 m). At BBNPP, atmospheric stability is classified according to the difference between the temperature measurements at the SSES meteorological tower 197 ft (60 m) and 33 ft (10 m) levels.

Table 2.7-109 through Table 2.7-122 present annual atmospheric stability persistence summaries at the SSES site for the 33 ft (10 m) and197 ft (60 m) elevations. They were generated using six years of SSES meteorological data (2001-2006). The final table for each wind level is an average of the six individual year summaries.

The majority of the time, approximately 80% of the time, stability persistence events last for less than four hours. Stability persistence events lasting 12 hours occur 13 times per year on the average and events lasting for greater than 24 hours occur 14 times per year on the average.

2.7.4.8 Temperature Inversion Frequency and Persistence Summary

A temperature inversion is defined as a layer of the atmosphere in which temperature increases with altitude (AMS, 1980). The principal characteristic of a temperature inversion is its marked static stability; very little turbulence occurs within it.

Table 2.7-123 through Table 2.7-128 present annual temperature inversion frequency and persistence summaries at the BBNPP site. They were generated using six years of onsite meteorological data (2001-2006).

The longest temperature inversion lasted 27 hours. Of the nine longest temperature inversion events noted, all but one occurred during the winter.

2.7.5 Maximum Terrain Heights and Topographic Maps

The BBNPP site is located in Luzerne County, Pennsylvania, close to the boundary with Columbia County. Figure 2.7-92 and Figure 2.7-93 present the maximum terrain heights from

0-5 mi (0 to 8 km) and from 0-50 mi (0 to 80 km), respectively, from BBNPP. Terrain heights were determined using U.S. Geologic Survey topographic maps. The following 7.5 minute series maps were used for the 0 to 5 mi (0 to 8 km) terrain heights: Benton, Stillwater, Shickshinny, Nanticoke, Wilkes-Barre West, Bloomsburg, Mifflinville, Berwick, Sybertsville, Freeland, Catawissa, Shumans, Nuremberg, Conyngham, Hazleton. The following 1:100,000 scale maps were used for the 5 to 50 mi (8 to 80 km) terrain heights: Wellsboro, Towanda, Honesdale, Williamsport West, Williamsport East, Scranton, State College, Sunbury, Allentown, Harrisburg, Reading. For points that fell between distances at which terrain heights were determined, the maximum of the values was used.

Figure 2.7-94 and Figure 2.7-95 present detailed topographic features 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 site (within 1 mi (1.6 km)) is in the north and north-northeast where a hill rises to approximately 1,050 ft (320 m). The Susquehanna River runs from northeast of the site to southwest of the site, with a pronounced bend (Bell Bend) in the river southeast of the site. The site is relatively level to the east and southeast. A hill rises to 750 ft (229 m) within one mile south of the site. The terrain to the northwest rises to approximately 1,600 ft (488 m) on top of Lee Mountain (approximately 5.5 mi (8.8 km) from the site).

BBNPP will be west and south of the existing Susquehanna Steam Electric Station (SSES) Units 1 and 2. Some portions of the site will be cleared of existing vegetation and graded to accommodate the nuclear island and its ancillary structures. These terrain modifications would be limited to the BBNPP site and the immediately surrounding area and, therefore, will not represent a significant alteration to the topographic character of the region around the BBNPP site.

2.7.6 Atmospheric Dispersion Factors

2.7.6.1 Long-Term Routine Effluent Atmospheric Dispersion and Deposition Values

Normal effluent atmospheric dispersion and deposition factors were determined using the methodologies from Regulatory Guide 1.111, Revision 1 (NRC, 1977), and seven years of SSES onsite meteorological data (2001-2007). The data recovery goal of 90% was met for each of the seven years of data.

The following assumptions were made in the analysis of long-term routine effluent atmospheric dispsersion and deposition factors:

- Releases from the Stack for normal effluent analyses are at a height that is less than 2 times the height of adjacent solid structures and are assumed to be ground level releases (except for the mixed mode case described in the next two bullet items).
- No building wake credit is taken for the normal effluent ground level release. This is a conservative assumption selected to bound elevated releases at sites with high terrain features (i.e., cases where the terrain heights exceed the release height). Building wake credit is taken for the normal effluent mixed mode release.
- Stack releases are from the base of the stack; however, stack release was from 62 m above grade for the mixed mode release case (2 meters above Reactor Building).

- In the AEOLUS3 mixed mode and ground level release runs, used 0.3 MeV as the gamma energy spectrum with a relative intensity of 1.0 MeV/sec.

- Grid downwind distances for which atmospheric dispersion factors for normal effluent mixed mode release analyses will be determined using computer code AEOLUS3 version 1.0 are: 0.5 mi (805 m), 0.75 mi (1,208 m), 0.93 mi (1,500 m), 1.0 mi (1,609 m), 1.2 mi (2,000 m), 1.5 mi (2,414 m), 2.0 mi (3,218 m), 2.5 mi (4,023 m), 3.0 mi (4,827 m), 3.5 mi (5,632 m), 4.0 mi (6,436 m), 4.5 mi (7,241 m), 5.0 mi (8,045 m), 7.5 mi (12,068 m), 10 mi (16,090 m), 15 mi (24,135 m), 20 mi (32,180 m), 25 mi (40,225 m), 30 mi (48,270 m), 35 mi (56,315 m), 40 mi (64,360 m), 45 mi (72,405 m), and 50 mi (80,450 m) (per section 2.7 of NUREG-1555).

- Grid downwind distances for which atmospheric dispersion factors for normal effluent ground level release analyses with no buillding wake will be determined using computer code AEOLUS3 version 1.0 are: 0.06 mi (100 m), 0.12 mi (200 m), 0.16 mi (250 m), 0.17 mi (275 m), 0.19 mi (300 m), 0.22 mi (350 m), 0.23 mi (375 m), 0.25 mi (400 m), 0.31 mi (500 m), 0.5 mi (805 m), 0.62 mi (1,000 m), 0.75 mi (1,208 m), 0.93 mi (1,500 m), 1.0 mi (1,609 m), 1.2 mi (2,000 m), 1.5 mi (2,414 m), 2.0 mi (3,218 m), 2.5 mi (4,023 m), 3.0 mi (4,827 m), 3.5 mi (5,632 m). (For use in determining dose to construction workers.)

- Maximum wind speed allowable as good data was assumed to be 90 mph.

- Maximum allowable delta temperature value was assumed to be 18°F.

- Maximum allowable wind direction value was assumed to be 540 degrees.

Table 2.7-129 presents the design input used in the routine effluent analyses.

2.7.6.1.1 Mixed Mode Release From Plant Stack

Table 2.7-130 through Table 2.7-161 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. The values are normal effluent annual average atmospheric dispersion and deposition factors for a mixed mode release from the plant stack. Seven years of SSES onsite meteorological data were used in the analysis (2001-2007).

The following settings were used in the AEOLUS3 computer code:

- Plume meander was considered.

- Site-specific recirculation correction factors (RCF's) were used.

- Wind speed extrapolation with height, where applicable, was done using the coefficients from XOQDOQ.

- Dispersion coefficients (sy and sz) were computed using the Eimutis/Konicek model in XOQDOQ.

- Depletion and deposition were computed using the RG 1.111, Rev. 1, curves.

- Wet deposition effects were not evaluated.

- No credit was taken for decay-in-transit of noble gases and iodines.

2.7.6.1.2 Ground Level Release with No Building Wake Credit

Table 2.7-163 and Table 2.7-164 present atmospheric dispersion factors (χ/Q's) determined using methodologies from Regulatory Guide 1.111, Revision 1 (NRC, 1977), as implemented in AREVA NP computer code AEOLUS3. The values are normal effluent annual average atmospheric dispersion and deposition factors for a ground level release with no dispersion credit for building wake effects. Seven years of SSES onsite meteorological data were used in the analysis (2001-2007).

2.7.6.2 Fiftieth Percentile Atmospheric Dispersion Factors

Table 2.7-164 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, Revision 1 (NRC, 1982) as implemented in the AREVA NP computer code AEOLUS3.

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. For the analytical distance for the EAB, the 0-2 hour 50th percentile value was obtained directly. These values are presented in Table 2.7-163 for the analytical distance for the EAB and in Table 2.7-164 for the LPZ.

Regulatory Guide 1.145 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 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 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 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 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, 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.

See Table 2.7-162 for design input used in the accident effluent analysis.

2.7.7 Noise

The principal noise sources associated with normal operation of BBNPP are the switchyard, transformers, and Circulating Water System cooling towers. Surveys were conducted in February and March 2008 and June 2010 to measure ambient environmental community noise levels to establish a baseline noise level in the presence of the existing SSES Units 1 and 2.

2.7.7.1 Environmental Noise Survey

Environmental sound levels were measured continuously at various area-wide locations during leaf-off and leaf-on seasonal conditions. Surveys were performed with continuous monitoring for 13-14 days at seven monitoring locations.

Figure 2.7-97 shows the location of the seven monitoring sites. Monitor location 1 was in the planned BBNPP plant area reasonably close to the existing SSES Units 1 and 2. Locations 2, 3 and 4 are at the closest residential receptors. Location 5 is on the power line right of way approximately 200 feet from U.S. Route 11. Locations 6 and 7 represent areas north and northwest of the BBNPP plant area and associated cooling towers. The closest potentially sensitive receptors represent existing conditions and can be used to assess potential noise impacts from the new plant.

The instantaneous sound level was measured at each location on a continuous and simultaneous basis over the 312 to 336-hour periods using precision data loggers. In addition, attended 10-minute sampling measurements were carried out at each location during day and night periods using hand-held precision data loggers. The attended measurements were carried out to observe sources of environmental sounds and to record the frequency spectrum of the sound level.

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 L1, L10, L50 and L90 are statistically derived units over the sampling period. They are the levels exceeded for 1%, 10%, 50% and 90% of the sampling time. The L90 percentile level is the most common for evaluating community noise in residential environments. L90 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. There were no State or county noise ordinances found for the BBNPP site area. Salem Township has a qualitative noise standard in Section 318 of the Zoning Ordinance. The Standard states "Noise which is determined to be objectionable because of volume, frequency or beat shall be muffled or otherwise controlled."

EPA developed day-night sound levels as guidelines to protect public health and welfare from the effects of environmental noise. The yearly Ldn value to protect against outdoor activity interference and annoyance is 55 dBA (USEPA, 1974). The Department of Housing and Urban Development (HUD) adopted the EPA guidelines in the noise abatement and control regulations as a goal for outdoors in residential areas. However, for the purposes of the HUD regulation, sites with a Ldn value of 65 dBA and below are acceptable and allowable. (CFR, 2007)

2.7.7.3 Results

Figure 2.7-98 plots the hourly residual (L90) sound levels at the residential locations for the survey period. Specifically, the minimum hourly residual LA_{90} sound levels at the residential locations for the survey period are plotted. The plot illustrates consistent trends in the five community locations except at location 5 (dotted line) that contains nearly constant noise from U.S. Route 11 only 200 ft (61 m) away. The levels for location 2 are calculated from the average of results at locations 1, 3 and 4. The residual ambient is essentially constant for all practical purposes at any of the locations 1, 3 and 4. This occurs in areas where the environmental sound sources are far off in distance relative to the distance between monitoring points and the natural sources are similar at all locations. The sound of rain and high wind are indicated on the plot. The major source of environmental noise in the project area is from far-off unidentifiable traffic. Absolutely no sounds were detectable during attended measurement for normal operation on February 29, 2008. SSES Unit 1 was shut down on March 3, 2008. Noise from the plant, presumed to be construction or maintenance sources, was readily audible during the March 14, 2008 attended measurement survey. Therefore, in the absence of construction and maintenance activities, all measured ambient sound levels can be attributed to normal, current environmental sources, such as traffic noise, high wind and rain and are not related to the existing SSES Units 1 and 2 plant.

Table 2.7-167 tabulates the major survey results at Locations 1 through 5 for some commonly used sound level metrics to assess noise impact. Table 2.7-168 tabulates the calculated 24-hour daily logarithmic average Ldn sound levels for Locations 1 through 5. Location 1 is at the plant and can be considered the control point. Locations 2, 3 and 4 are at the closest residential receptors, while location 5 is on the power line right of way approximately 200 ft (61 m) from U.S. Route 11. Table 2.7-169 tabulates the major survey results at Locations 2, 6, and 7 during leaf-on conditions. Locations 6 and 7 are north and northwest of the plant area and associated cooling towers. The 24-hour logarithmic average day-night sound levels at Locations 2, 3 and 4 are 57 dBA, 59 dBA and 59 dBA respectively. Locations 6 and 7 had 24-hour logarithmic average Ldn values of 49 and 52, respectively. These Ldn values are below the HUD environmental goal of 65 dBA. Conversely, location 5 is near a noise source, U.S. Route 11, and the 24-hour logarithmic average Ldn was 65 dBA with a standard deviation of 2.1 dBA for the duration of the study. 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 dBA

are considered to be of small significance, as noted in NUREG-1437 (NRC, 1996). All measurements taken at locations 2, 3, 4, 6, and 7 had logarithmic average Ldn values below 60 dBA while at location 5 the logarithmic average Ldn value was 65 dBA.

A baseline environmental noise survey performed during leaf-on season for Locations 1 through 5 supports this conclusion. The 24-hour logarithmic average day-night sound levels at Locations 2, 3, 4 and 5 are 56 dBA, 58 dBA, 53 dBA and 57 dBA, respectively. These average Ldn values are all less than 60 dBA and the HUD environmental goal of 65 dBA.

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Table 2.7-1— National Ambient Air Quality Standards

(From http://epa.gov/air/criteria.html)				
	Primary Standards		Secondary Standards	
Pollutant	**Level**	**Averaging Time**	**Level**	**Averaging Time**
Carbon Monoxide	9 ppm (10 mg/m^3)	8-hour[1]	None	
	35 ppm (40 mg/m^3)	1-hour[1]		
Lead	1.5 µg/m^3	Quarterly Average	Same as Primary	
Nitrogen Dioxide	0.053 ppm (100 µg/m^3)	Annual (Arithmetic Mean)	Same as Primary	
Particulate Matter (PM10)	150 µg/m^3	24-hour[2]	Same as Primary	
Particulate Matter (PM2.5)	15.0 µg/m^3	Annual[3] (Arithmetic Mean)	Same as Primary	
	35 µg/m^3	24-hour[4]	Same as Primary	
Ozone	0.075 ppm (2008 std)	8-hour[5]	Same as Primary	
	0.08 ppm (1997 std)	8-hour[6]	Same as Primary	
	0.12 ppm	1-hour[7] (Applies only in limited areas)	Same as Primary	
Sulfur Dioxide	0.03 ppm	Annual (Arithmetic Mean)	0.5 ppm (1300 µg/m^3)	3-hour[1]
	0.14 ppm	24-hour[1]		

Notes:
[1] Not to be exceeded more than once per year.
[2] Not to be exceeded more than once per year on average over 3 years.
[3] To attain this standard, the 3-year average of the weighted annual mean PM2.5 concentrations from single or multiple community-oriented monitors must not exceed 15.0 µg/m^3.
[4] To attain this standard, the 3-year average of the 98th percentile of 24-hour concentrations at each population-oriented monitor within an area must not exceed 35 µg/m^3 (effective December 17, 2006).
[5] To attain this standard, 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 must not exceed 0.075 ppm. (effective May 27, 2008)
[6] (a) To attain this standard, 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 must not exceed 0.08 ppm.
(b) The 1997 standard-and the implementation rules for that standard-will remain in place for implementation purposes as EPA undertakes rulemaking to address the transition from the 1997 ozone standard to the 2008 ozone standard.
[7] (a) The standard is attained when the expected number of days per calendar year with maximum hourly average concentrations above 0.12 ppm is < 1.
(b) As of June 15, 2005 EPA revoked the 1-hour ozone standard in all areas except the 8-hour ozone nonattainment Early Action Compact (EAC) Areas.

Table 2.7-2— Tornadoes Reported in Luzerne County, Pennsylvania

15 TORNADO(s) were reported in Luzerne County, Pennsylvania between 01/01/1950 and 08/31/2007.				**Mag:**	**Dth:**	**Inj:**	**PrD:**	**CrD:**
				Magnitude	**Deaths**	**Injuries**	**Property Damage**	**Crop Damage**
Pennsylvania								
Location or County	**Date**	**Time**	**Type**	**Mag**	**Dth**	**Inj**	**PrD**	**CrD**
1 LUZERNE	07/04/1960	1630	Tornado	F2	0	0	25K	0
2 LUZERNE	01/27/1962	0130	Tornado	F1	0	0	250K	0
3 LUZERNE	09/10/1968	1345	Tornado	F2	0	0	25K	0
4 LUZERNE	06/19/1975	0930	Tornado	F1	0	0	25K	0
5 LUZERNE	05/06/1980	1445	Tornado	F0	0	0	3K	0
6 LUZERNE	06/21/1981	1530	Tornado	F1	0	0	25K	0
7 LUZERNE	07/06/1984	1615	Tornado	F2	0	12	250K	0
8 LUZERNE	05/31/1985	2045	Tornado	F1	0	0	250K	0
9 LUZERNE	08/10/1986	1845	Tornado	F0	0	0	3K	0
10 LUZERNE	09/20/1988	2000	Tornado	F1	0	0	25K	0
11 Bear Creek	04/16/1993	1520	Tornado	F1	0	0	500K	0
12 Duryea	06/22/1996	03:00 PM	Tornado	F0	0	0	200K	0.0M
13 Pittston	05/31/1998	06:00 PM	Tornado	F0	0	0	50K	0
14 Dallas	07/22/2006	11:15 AM	Tornado	F0	0	0	100K	0
15 Hobbie	12/01/2006	04:52 PM	Tornado	F2	0	5	1.0M	0K
				TOTALS:	0	17	2.730M	0

Table 2.7-3— Tornadoes Reported in Columbia County, Pennsylvania

8 TORNADO(s) were reported in Columbia County, Pennsylvania between 01/01/1950 and 11/30/2007.				**Mag:**	**Dth:**	**Inj:**	**PrD:**	**CrD:**
				Magnitude	**Deaths**	**Injuries**	**Property Damage**	**Crop Damage**
Pennsylvania								
Location or County	**Date**	**Time**	**Type**	**Mag**	**Dth**	**Inj**	**PrD**	**CrD**
1 COLUMBIA	03/26/1964	1230	Tornado	F1	0	0	0K	0
2 COLUMBIA	04/17/1982	1550	Tornado	F2	0	1	25K	0
3 COLUMBIA	07/26/1989	1615	Tornado	F1	0	0	25K	0
4 COLUMBIA	07/15/1992	1300	Tornado	F1	0	0	0K	0
5 Bloomsburg	06/27/1994	1245	Tornado	F1	0	0	500K	0
6 Catawissa	05/27/2001	02:25 PM	Tornado	F0	0	0	0	0
7 Jerseytown	04/28/2002	04:55 PM	Tornado	F1	0	0	90K	0
8 Millville	06/17/2004	03:50 PM	Tornado	F0	0	0	0	0
				TOTALS:	0	1	640K	0

Table 2.7-4— 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	1316	8.5	799	5.2	273	1.78

[1] Includes subtropical storms after 1967. See Neumann et al. 1999 for details.
* Less than 0.05.

Table 2.7-5— Tropical Storms and Hurricanes Passing Within 100 Miles (161' km) of Berwick, Pennsylvania

(Page 1 of 2)

Rec	YEAR	MONTH	DAY	STORM NAME	WIND SPEED (KTS)	PRESSURE (MB)	CATEGORY
1	1878	10	23	NOTNAMED	80	975	H1
2	1878	10	23	NOTNAMED	70	0	H1
3	1885	10	13	NOTNAMED	40	0	E
4	1885	10	14	NOTNAMED	40	0	E
5	1888	8	21	NOTNAMED	45	0	TS
6	1888	8	22	NOTNAMED	40	0	TS
7	1893	8	29	NOTNAMED	55	0	TS
8	1893	8	29	NOTNAMED	55	0	TS
9	1899	11	1	NOTNAMED	50	0	E
10	1899	11	1	NOTNAMED	50	0	E
11	1903	9	16	NOTNAMED	55	0	TS
12	1903	9	17	NOTNAMED	55	0	TS
13	1903	9	17	NOTNAMED	45	0	TS
14	1915	8	4	NOTNAMED	25	0	TD
15	1915	8	4	NOTNAMED	25	0	TD
16	1923	10	24	NOTNAMED	45	0	E
17	1923	10	24	NOTNAMED	40	0	E
18	1923	10	24	NOTNAMED	35	0	E
19	1929	10	3	NOTNAMED	35	0	E
20	1929	10	3	NOTNAMED	30	0	E
21	1933	8	24	NOTNAMED	45	0	TS
22	1933	8	24	NOTNAMED	45	0	TS
23	1933	8	24	NOTNAMED	40	0	TS
24	1939	8	19	NOTNAMED	25	0	TD
25	1939	8	20	NOTNAMED	25	0	TD
26	1939	8	20	NOTNAMED	25	0	TD
27	1943	10	1	NOTNAMED	30	0	TD
28	1945	9	18	NOTNAMED	30	0	E
29	1945	9	19	NOTNAMED	25	0	E
30	1949	8	29	NOTNAMED	40	1000	TS
31	1949	8	29	NOTNAMED	35	1000	TS
32	1952	9	1	ABLE	35	0	TS
33	1954	10	15	HAZEL	80	970	E
34	1954	10	16	HAZEL	70	0	E
35	1955	8	13	CONNIE	45	982	TS
36	1955	8	13	CONNIE	35	995	TS
37	1955	8	18	DIANE	45	1004	TS
38	1955	8	19	DIANE	40	1003	TS
39	1959	10	1	GRACIE	30	0	E
40	1959	10	1	GRACIE	30	0	E
41	1979	9	6	DAVID	40	989	TS
42	1979	9	6	DAVID	40	991	TS
43	1979	9	14	FREDERIC	35	997	TS
44	1988	8	29	CHRIS	20	1010	TD
45	1992	9	26	DANIELLE	35	1010	TS

Table 2.7-5— Tropical Storms and Hurricanes Passing Within 100 Miles (161' km) of Berwick, Pennsylvania

(Page 2 of 2)

Rec	YEAR	MONTH	DAY	STORM NAME	WIND SPEED (KTS)	PRESSURE (MB)	CATEGORY
46	1994	8	18	BERYL	15	1011	TD
47	1994	8	18	BERYL	15	1010	TD
48	1999	9	7	DENNIS	20	1009	TD
49	1999	9	7	DENNIS	20	1008	TD
50	2006	9	2	ERNESTO	40	1010	E
51	2006	9	3	ERNESTO	35	1012	E
52	2006	9	3	ERNESTO	25	1014	E
E = Extra-tropical TD = Tropical Depression TS = Tropical Storm H1 = Hurricane Category 1					1 knot = 1.15 mph 1 knot = 0.514 m/sec		

Table 2.7-6— Monthly Mean Number of Days with Thunderstorms

SITE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/ Scranton, PA	0.2	0.2	0.6	1.9	3.5	5.3	6.3	4.6	2.2	0.9	0.4	0.2	26.3
Allentown, PA	0.3	0.2	0.8	2.0	3.7	5.4	6.0	5.2	2.6	0.8	0.7	0.1	27.8
Williamsport, PA	0.3	0.3	0.8	2.0	4.5	6.3	7.4	5.6	2.9	0.9	0.5	0.3	31.8

Table 2.7-7— Drought Events Reported in Luzerne County, Pennsylvania

(Page 1 of 2)

Date	Time	Description
09/24/1993	0800	Below normal rainfall during the summer months caused reservoirs in the Upper Delaware Basin to drop significantly. Subsequently, a drought warning was issued on September 24 for the Poconos, Northeast Metropolitan, Lehigh Valley, Southeast and portions of the Lower Susquehanna Valley. Normal and above normal precipitation during September and October did allow the reservoirs to recharge in October.
03/01/1995(1)	0000	None provided.
05/01/1995(1)	0000	May 1995 was an unseasonably dry month throughout most of Northeast Pennsylvania and parts of the Middle and Lower Susquehanna Valley. Departures from normal exceeded one inch in this area (Close to two inches in Wayne, Luzerne and Lackawanna Counties). Wilkes-Barre Scranton Airport in Avoca had only 1.40 inches of rain during May. Normal is 3.65 inches.
06/01/1995(1)	0000	June 1995 continued the trend of drier than normal weather throughout most of eastern Pennsylvania except for the Western Poconos and the Middle and Lower Susquehanna Valleys. Monthly rainfall totals of 30 to 67 percent of normal occurred with the driest weather in Lackawanna, Philadelphia and Wyoming Counties. At Philadelphia International Airport, the monthly rainfall of 0.62 inches was the 5th driest June on record. At the Allentown-Bethlehem-Easton Airport, the 1.44 inches of rain was the 6th driest June on record.
09/01/1995(1)	0000	The drought, which entered its thirteenth month, continued unabated throughout Eastern Pennsylvania the first half of September. Rainfall was closer to normal during the second half of the month, especially in the extreme southeast. Consequently Bradford, Bucks, Chester, Delaware, Montgomery and Philadelphia Counties either had normal or above normal rainfall for the month. Most other counties had about 75% of normal rainfall, but precipitation deficiencies of less than 50% of normal (or around two inches below normal for the month) occurred in the Susquehanna Valley in Union, Synder, Perry and Cumberland Counties. The rain came too late to help farmers and by the end of the month, most of Eastern Pennsylvania was under a drought emergency. Harrisburg Pennsylvania set a record for the longest period without measurable precipitation, 28 days, from August 10 through September 7. September started dry and a Drought Warning was declared by the Pennsylvania Department of Environmental Protection for all of Eastern Pennsylvania on the 1st. The warning asked for voluntary conservation of non-essential water use. Tougher, mandatory restrictions were implemented during the first half of the month in some townships in Bucks and Lancaster Counties. In Lancaster County by September 13th about 80 separate brush fires were extinguished. Most were caused by cigarette butts tossed from moving cars, sparks from railroads and fires which burned out of control. Ephrata Township banned all outside burning. On September 14th the Susquehanna River Basin Commission declared a drought warning. On September 15th, the Delaware River Basin Commission declared a drought warning (first since 1993) for all or part of 17 eastern counties within the river's 13,539 square mile drainage basin. Both warnings requested voluntary curbs on non-essential water use. On September 20th, the drought warning was upgraded to a drought emergency for all of Eastern Pennsylvania except Perry, Dauphin, Lebanon, Cumberland, York and Lancaster Counties. It was the first drought emergency declared in Pennsylvania since July 1991. Mandatory restrictions were in place concerning water use on lawns, gardens, golf courses, paved surfaces, water fountains and vehicles. Crop losses caused by the drought were estimated at $300 million statewide. Corn yields averaged 106 bushels per acre versus a normal of 120 bushels per acre. Soybean yields averaged 40 bushels per acre versus a normal of 60 bushels per acre. The late soybean crop was deemed "not worth anything". In alfalfa fields, there were three cuttings instead of four. Also affected by the drought were pumpkins (smaller and matured faster than normal) and Christmas trees (smaller). The lack of water took its toll on livestock also, although the greatest damage was done during the oppressive heat wave in the middle of July.

Table 2.7-7— Drought Events Reported in Luzerne County, Pennsylvania

(Page 2 of 2)

Date	Time	Description
08/01/1997	12:00 AM	A very dry summer finally culminated in major crop failures come harvest time towards the end of August. Sweet corn and tomatoes, two of the major money making crops for small farmers in northeast Pennsylvania, appeared to suffer some of the worst damage. According to figures from some of the individual farmers themselves and also the Pennsylvania State Agricultural Extension Service, losses nearing 1.5 million dollars were tallied. Financial assistance was granted in many cases. Precipitation figures at the Wikes-Barre Scranton airport and other cooperative sites across the region averaged less than 30% of normal for the period from June 1st to the end of August. At long last, a couple of more significant rainfall events began to ease the situation at the very end of August.
12/01/1998	12:00 AM	December was another very dry month across northeastern Pennsylvania. This culminated a six month period starting back in the early summer of dry conditions. During December, much of the region received between 1.0 and 1.5 inches of liquid equivalent precipitation. This equates to half or less of the normal precipitation for the month. Precipitation totals for the six month period between June and December averaged 6 to 7 inches below climatological normals for the entire region. A drought watch was issued early in the month by the Pennsylvania Department of Environmental Protection. This watch called for voluntary water conservation. The watch was upgraded to a drought warning on the 14th. The Delaware River Basin Commission followed suit with a drought warning issuance for those counties within the Delaware River Basin, including Wayne and Pike. These warnings remained in effect for the remainder of the month and called for a ten percent voluntary reduction in non-essential water usage.
09/01/1999	12:00 AM	A very dry spring and summer caused major crop failures and some wells to run dry. Many streams and rivers were also brought to their lowest recorded levels. The crops most affected were corn and hay, which dealt a major blow to dairy farmers. September rains from the remnants of Hurricanes Dennis and Floyd helped to ease the summertime drought conditions although they came too late to help the vegetable and grain crops.
Note: (1) Considered to be a single contiguous event.		

Table 2.7-8— Drought Events Reported in Columbia County, Pennsylvania

(Page 1 of 2)

Date	Time	Description
03/01/1995	0000	None provided.
05/01/1995	0000	May 1995 was an unseasonably dry month throughout most of Northeast Pennsylvania and parts of the Middle and Lower Susquehanna Valley. Departures from normal exceeded one inch in this area (Close to two inches in Wayne, Luzerne and Lackawanna Counties). Wilkes-Barre Scranton Airport in Avoca had only 1.40 inches of rain during May. Normal is 3.65 inches.
05/01/1995	0000	Three consecutive months of below normal precipitation culminated in one of the driest springs on record for the Poconos, Middle Susquehanna Valley and parts of the Philadelphia Metropolitan Area. It was the second driest spring on record at Williamsport with only 5.55 inches falling. It was the 5th driest spring on record in Philadelphia with only 6.30 inches falling.
09/01/1995	0000	The drought, which entered its thirteenth month, continued unabated throughout Eastern Pennsylvania the first half of September. Rainfall was closer to normal during the second half of the month, especially in the extreme southeast. Consequently Bradford, Bucks, Chester, Delaware, Montgomery and Philadelphia Counties either had normal or above normal rainfall for the month. Most other counties had about 75% of normal rainfall, but precipitation deficiencies of less than 50% of normal (or around two inches below normal for the month) occurred in the Susquehanna Valley in Union, Synder, Perry and Cumberland Counties. The rain came too late to help farmers and by the end of the month, most of Eastern Pennsylvania was under a drought emergency. Harrisburg Pennsylvania set a record for the longest period without measurable precipitation, 28 days, from August 10 through September 7. September started dry and a Drought Warning was declared by the Pennsylvania Department of Environmental Protection for all of Eastern Pennsylvania on the 1st. The warning asked for voluntary conservation of non-essential water use. Tougher, mandatory restrictions were implemented during the first half of the month in some townships in Bucks and Lancaster Counties. In Lancaster County by September 13th about 80 separate brush fires were extinguished. Most were caused by cigarette butts tossed from moving cars, sparks from railroads and fires which burned out of control. Ephrata Township banned all outside burning. On September 14th the Susquehanna River Basin Commission declared a drought warning. On September 15th, the Delaware River Basin Commission declared a drought warning (first since 1993) for all or part of 17 eastern counties within the river's 13,539 square mile drainage basin. Both warnings requested voluntary curbs on non-essential water use. On September 20th, the drought warning was upgraded to a drought emergency for all of Eastern Pennsylvania except Perry, Dauphin, Lebanon, Cumberland, York and Lancaster Counties. It was the first drought emergency declared in Pennsylvania since July 1991. Mandatory restrictions were in place concerning water use on lawns, gardens, golf courses, paved surfaces, water fountains and vehicles. Crop losses caused by the drought were estimated at $300 million statewide. Corn yields averaged 106 bushels per acre versus a normal of 120 bushels per acre. Soybean yields averaged 40 bushels per acre versus a normal of 60 bushels per acre. The late soybean crop was deemed "not worth anything". In alfalfa fields, there were three cuttings instead of four. Also affected by the drought were pumpkins (smaller and matured faster than normal) and Christmas trees (smaller). The lack of water took its toll on livestock also, although the greatest damage was done during the oppressive heat wave in the middle of July.
10/31/1997	08:00 AM	As the growing season drew to a close, farmers assessed damage from an early season drought. Forty-six counties and their contiguous neighbors were declared agricultural disaster areas by the U.S. Department of Agriculture. Farmers in all Pennsylvania counties became eligible for disaster relief. Precipitation deficits for the growing season from April through October ranged from -1.6 inches over Cumberland County to a disastrous -8.5 inches over York County. Much of the rain over Cumberland and Mifflin Counties fell during the flash flood of September 11th, too late to be beneficial to crops.

Table 2.7-8— Drought Events Reported in Columbia County, Pennsylvania

(Page 2 of 2)

Date	Time	Description
12/15/1998	12:01 AM	Abnormally dry conditions through the Fall months developed into drought across all of central Pennsylvania by mid-December. Governor Tom Ridge declared drought emergency conditions in 9 central Pennsylvania counties with drought warnings in others, calling for restrictions on water use and reduced water consumption of 10 to 15 percent. Precipitation departures from normal for the 4 months leading up to the declaration totaled more than 8 inches in a number of locations, with nearly all areas in deficit by more than 4 inches. Bans were placed on outdoor burning as numerous woodland and brush fires occurred across the region.
07/01/1999	12:00 AM	Governor Ridge declared a drought emergency in 55 of the 67 counties of Pennsylvania following extended dry weather through much of the summer. Water usage was restricted. Precipitation deficits for many counties for the months of May through July averaged between 5 and 7 inches. Precipitation departures for the 365 day period ending in mid-July were over 1 foot below normal in many places. This is about one-third of total annual normal precipitation in most areas. Streams were empty, wells dried up, and the Susquehanna River hit record low flows. Hot sunny days combined with the dry weather to take a large toll on crops. Estimates by the Department of Agriculture indicated possible crop losses in excess of $500 million. The figure did not include a 20% decrease in milk production due to the drought that would also result in million dollar losses. There were some counties that experienced 70 to 100% crop loss. At least 30% losses are needed for a drought disaster declaration.
08/01/1999	12:01 AM	A drought emergency remained in effect for 55 of the 67 counties of Pennsylvania. In spite of the severe flash flooding in a few locations and normal or above normal precipitation in many others, water tables remained low and water usage was restricted.

Table 2.7-9— Fifty Knots or Greater High Wind Events in Luzerne County, Pennsylvania

(Page 1 of 2)

Date	Time	Wind Speed knots (m/s)	Type
06/06/1971	1752	76 (39)	Tstm Wind
04/03/1982	1440	60 (31)	Tstm Wind
07/16/1988	1712	50 (26)	Tstm Wind
01/14/1992	0935	64 (33)	Tstm Wind
09/03/1993	1630	52 (27)	Tstm Wind
05/24/1995	1924	56 (29)	Tstm Wind
07/18/1997	04:35 PM	55 (28)	Tstm Wind
02/17/1998	04:00 PM	55 (28)	High Wind
05/31/1998	05:15 PM	175 (90)	Tstm Wind/hail
09/07/1998	11:10 AM	65 (33)	Tstm Wind
07/09/1999	09:55 PM	50 (26)	Tstm Wind
05/18/2000	04:00 PM	65 (33)	Tstm Wind
06/02/2000	04:18 PM	55 (28)	Tstm Wind
12/12/2000	05:00 AM	52 (27)	High Wind
04/09/2001	06:50 PM	52 (27)	Tstm Wind
04/09/2001	06:50 PM	52 (27)	Tstm Wind
05/27/2001	05:00 PM	80 (41)	Tstm Wind
07/01/2001	01:50 PM	55 (28)	Tstm Wind
07/10/2001	03:10 PM	50 (26)	Tstm Wind
03/09/2002	11:25 PM	60 (31)	Tstm Wind
07/21/2003	04:50 PM	55 (28)	Tstm Wind
07/21/2003	05:10 PM	55 (28)	Tstm Wind
09/19/2003	05:00 AM	50 (26)	High Wind
10/15/2003	12:00 PM	60 (31)	High Wind
11/13/2003	12:00 PM	58 (30)	High Wind
08/20/2004	03:00 PM	60 (31)	Tstm Wind
11/25/2004	08:00 AM	60 (31)	Tstm Wind
06/06/2005	12:20 PM	50 (26)	tstm Wind
06/09/2005	03:00 PM	75 (39)	Tstm Wind
07/13/2005	03:25 PM	50 (26)	Tstm Wind
08/12/2005	04:25 PM	50 (26)	Tstm Wind
08/14/2005	05:40 PM	50 (26)	Tstm Wind
11/06/2005	05:45 PM	50 (26)	Tstm Wind
11/06/2005	06:04 PM	57 (29)	Tstm Wind
11/06/2005	06:12 PM	50 (26)	Tstm Wind
11/09/2005	04:30 PM	50 (26)	Tstm Wind
11/29/2005	06:00 AM	50 (26)	Strong Wind
02/17/2006	09:25 AM	57 (29)	Tstm Wind
07/02/2006	03:35 PM	50 (26)	Tstm Wind
08/03/2006	03:35 PM	50 (26)	Tstm Wind
12/01/2006	03:00 PM	51 (26)	High Wind
12/01/2006	04:45 PM	55 (28)	Tstm Wind
12/01/2006	04:50 PM	66 (34)	Tstm Wind
12/01/2006	04:55 PM	57 (29)	Tstm Wind
06/08/2007	1:15 PM	50 (26)	Tstm Wind

Table 2.7-9— Fifty Knots or Greater High Wind Events in Luzerne County, Pennsylvania

(Page 2 of 2)

Date	Time	Wind Speed knots (m/s)	Type
06/19/2007	16:34 PM	50 (26)	Tstm Wind
06/19/2007	16:55 PM	50 (26)	Tstm Wind
06/19/2007	17:05 PM	50 (26)	Tstm Wind
06/27/2007	17:30 PM	52 (27)	Tstm Wind
07/27/2007	16:15 PM	52 (27)	Tstm Wind
08/07/2007	23:35 PM	50 (26)	Tstm Wind
08/25/2007	18:20 PM	50 (26)	Tstm Wind
Wind speed conversion: 1 knot = 1.15 mph = 0.515 mps			

Table 2.7-10— Fifty Knots or Greater High Wind Events in Columbia County, Pennsylvania

(Page 1 of 2)

Date	Time	Wind Speed knots (mps)	Type
04/17/1982	1645	60 (31)	Tslm Wind
09/23/1986	1245	52 (27)	Tslm Wind
04/23/1996	03:15 PM	52 (27)	Tslm Wind
05/03/1997	03:45 PM	51 (26)	Tslm Wind
05/06/1997	09:05 AM	51 (26)	Tslm Wind
05/19/1997	07:15 PM	51 (26)	Tslm Wind
07/18/1997	04:15 PM	51 (26)	Tslm Wind
07/18/1997	04:20 PM	51 (26)	Tslm Wind
08/16/1997	02:20 PM	51 (26)	Tslm Wind
OS/29/1998	04:45 PM	51 (26)	Tslm Wind
05/31/1998	08:30 PM	51 (26)	Tslm Wind
106/02/1998	05:10 PM	51 (26)	Tslm Wind
06/16/1998	06:10 PM	51 (26)	Tslm Wind
06/16/1998	07:56 PM	51 (26)	Tslm Wind
06/16/1998	08:15 PM	51 (26)	Tslm Wind
06/30/1998	04:20 PM	51 (26)	Tslm Wind
07/17/1998	03:40 PM	51 (26)	Tslm Wind
08/25/1998	09:15 PM	51 (26)	Tslm Wind
09/16/1999	04:00 PM	60 (31)	High Wind
09/29/1999	08:00 PM	60 (31)	High Wind
04/09/2000	06:00 AM	58 (30)	High Wind
06/30/2001	07:30 PM	50 (26)	Tslm Wind
07/01/2001	02:30 PM	50 (26)	Tslm Wind
07/17/2001	04:00 PM	50 (26)	Tslm Wind
08/28/2001	02:30 PM	50 (26)	Tslm Wind
10/16/2001	04:10 PM	50 (26)	Tslm Wind
03/09/2002	07:30 PM	50 (26)	High Wind
03/09/2002	11:05 PM	50 (26)	Tslm Wind
07/18/2003	05:05 PM	50 (26)	Tslm Wind
07/21/2003	04:55 PM	50 (26)	Tslm Wind
11/13/2003	05:00 AM	71 (37)	High Wind
05/26/2004	05:08 PM	50 (26)	Tslm Wind
06/1712004	04:32 PM	50 (26)	Tslm Wind
11 /25/2004	07:30 AM	50 (26)	Tslm Wind
06/06/2005	12:05 PM	60 (31)	Tslm Wind
06/06/2005	12:10 PM	50 (26)	Tslm Wind
06/06/2005	12:30 PM	50 (26)	Tslm Wind
06/06/2005	12:50 PM	50 (26)	Tslm Wind
07/13/2005	03:20 PM	75 (39)	Tslm Wind
07/13/2005	04:26 PM	50 (26)	Tslm Wind
07/13/2005	04:45 PM	50 (26)	Tslm Wind
07/26/2005	08:30 PM	50 (26)	Tslm Wind
07/27/2005	02:00 PM	50 (26)	Tslm Wind
11/06/2005	05:40 PM	50 (26)	Tslm Wind
05/30/2006	09:30 PM	50 (26)	Tslm Wind

Table 2.7-10— Fifty Knots or Greater High Wind Events in Columbia County, Pennsylvania

(Page 2 of 2)

Date	Time	Wind Speed knots (mps)	Type
06/22/2006	08:10 PM	50 (26)	Tslm Wind
08/26/2006	12:10 AM	50 (26)	Tslm Wind
12/01/2006	16:32 PM	50 (26)	Tslm Wind
06/08/2007	20:40 PM	50 (26)	Tslm Wind
06/12/2007	17:05 PM	50 (26)	Tslm Wind
06/12/2007	17:15 PM	50 (26)	Tslm Wind
06/27/2007	12:30 PM	50 (26)	Tslm Wind
06/27/2007	17:25 PM	50 (26)	Tslm Wind
08/1712007	12:40 PM	50 (26)	Tslm Wind
08/25/2007	16:05 PM	50 (26)	Tslm Wind
08/25/2007	17:45 PM	50 (26)	Tslm Wind

Table 2.7-11— Hail Events in Luzerne County, Pennsylvania

(Page 1 of 2)

Location or County	Date	Time	Type	Diameter inches (mm)
1 LUZERNE	06/10/1958	1728	Hail	1 (25.4)
2 LUZERNE	06/10/1958	1728	Hail	1 (25.4)
3 LUZERNE	06/06/1971	1655	Hail	1.75 (44)
4 LUZERNE	06/06/1971	1735	Hail	1 (25.4)
5 LUZERNE	07/03/1975	1100	Hail	1.75 (44)
6 LUZERNE	07/03/1975	1145	Hail	0.75 (19)
7 LUZERNE	06/29/1976	1630	Hail	1.75 (44)
8 LUZERNE	06/30/1976	0940	Hail	1.75 (44)
9 LUZERNE	06/24/1985	1030	Hail	0.75 (19)
10 LUZERNE	06/24/1985	1030	Hail	2.75 (70)
11 LUZERNE	06/24/1985	1130	Hail	2.75 (70)
12 LUZERNE	07/12/1985	1653	Hail	1 (25.4)
13 LUZERNE	06/30/1990	1830	Hail	1.75 (44)
14 Mountaintop	08/27/1994	1450	Hail	1 (25.4)
15 Mountain Top	06/14/1995	1450	Hail	1 (25.4)
16 Mountaintop Plymouth	07/06/1995	1715	Hail	Not listed
17 Plymouth And Mountain	07/15/1995	1615	Hail	1 (25.4)
18 Shavertown	05/31/1998	05:15 PM	Tstm Wind/hail	Not listed
19 Dorrance	05/24/2000	02:15 PM	Hail	1.75 (44)
20 Huntsville	07/10/2001	03:15 PM	Hail	1 (25.4)
21 Plymouth	07/10/2001	03:30 PM	Tstm Wind/hail	Not listed
22 Nanticoke	07/11/2001	03:40 AM	Hail	1.75 (44.)
23 Plymouth	07/11/2001	03:40 AM	Tstm Wind/hail	Not listed
24 Wilkes Barre	11/25/2001	04:30 PM	Tstm Wind/hail	Not listed
25 White Haven	05/11/2003	06:55 PM	Hail	0.75 (19)
26 Wilkes Barre	08/16/2003	12:30 PM	Hail	0.75 (19)
27 Dallas	05/24/2004	02:30 PM	Hail	1 (25.4)

Table 2.7-11— Hail Events in Luzerne County, Pennsylvania
(Page 2 of 2)

Location or County	Date	Time	Type	Diameter inches (mm)
28 Nescopeck	06/06/2005	12:30 PM	Hail	0.75 (19)
29 Nanticoke	04/24/2006	04:15 AM	Hail	0.88 (22)
30 White Haven	05/30/2006	03:45 PM	Hail	0.75 (19)
31 West Wyoming	06/09/2006	04:53 PM	Hail	0.88 (22)
32 Hughestown	06/09/2006	05:00 PM	Hail	0.75 (19)
33 Hughestown	06/09/2006	05:05 PM	Hail	0.88 (22)
34 Hazleton	07/09/2006	06:25 PM	Hail	0.75 (19)
35 Hazleton	07/09/2006	06:56 PM	Hail	0.88 (22)
36 Mtn Top	07/09/2006	07:02 PM	Hail	0.75 (19)
37 Hazleton	07/09/2006	07:20 PM	Hail	0.88 (22)
38 West Hazleton	07/11/2006	09:21 PM	Hail	0.75 (19)
39 Harveys Lake	05/31/2007	14:05 PM	Hail	0.75 (19)
40 Wilkes Barre	07/06/2007	17:30 PM	Hail	0.75 (19)
41 Conyngham	08/17/2007	12:55 PM	Hail	0.75 (19)
42 Hazleton Municipal Airport	8/17/2007	13:00 PM	Hail	0.88 (22)
43 Jeanesville	08/17/2007	13:00 PM	Hail	0.75 (19)
44 Jeanesville	08/17/2007	13:05 PM	Hail	1.75 (44)
45 Jeanesville	08/17/2007	13:18 PM	Hail	1.25 (32)

Table 2.7-12— Hail Events in Columbia County, Pennsylvania

(Page 1 of 2)

Location or County	Date	Time	Type	Diameter inches (mm)
1 COLUMBIA	07/11/1980	1800	Hail	1.75 (44)
2 COLUMBIA	07/19/1983	1235	Hail	2.75 (70)
3 COLUMBIA	08/01/1986	1615	Hail	2.00 (51)
4 COLUMBIA	07/23/1991	1300	Hail	1 (25.4)
5 COLUMBIA	07/15/1992	1255	Hail	2.00 (51)
6 Orangeville	07/06/1994	1725	Hail	0.75 (19)
7 Bloomsburg	08/27/1994	1629	Hail	1 (25.4)
8 Bloomsburg	04/04/1995	1055	Hail	0.75 (19.)
9 Centralia	05/11/1996	02:05 PM	Hail	1.75 (44)
10 Centralia	06/02/1998	08:45 PM	Hail	0.75 (19)
11 Jerseytown	09/07/1998	10:41 AM	Hail	0.88 (22)
12 Benton	05/10/2000	11:10 AM	Hail	1 (25.4)
13 Stillwater	05/24/2000	01:45 PM	Hail	0.75 (19)
14 Millville	07/21/2000	02:15 PM	Hail	1.25 (32)
15 Millville	06/20/2001	02:15 PM	Hail	1 (25.4)
16 Waller	09/13/2001	05:35 PM	Hail	1.75 (44)
17 Millville	09/13/2001	06:15 PM	Hail	0.75 (19)
18 Numidia	05/26/2004	05:25 PM	Hail	0.75 (19)
19 Millville	06/17/2004	03:40 PM	Hail	0.88 (22)
20 Bloomsburg	07/14/2004	02:54 PM	Hail	0.75 (19)
21 Central	08/12/2005	04:15 PM	Hail	1 (25.4)
22 Numidia	05/30/2006	05:59 PM	Hail	1 (25.4)
23 Bloomsburg	06/13/2007	13:55 PM	Hail	0.75 (19)
24 Bloomsburg	06/19/2007	16:40 PM	Hail	0.75 (19)
25 Millville	08/17/2007	12:43 PM	Hail	0.88 (22)

Table 2.7-12— Hail Events in Columbia County, Pennsylvania
(Page 2 of 2)

Location or County	Date	Time	Type	Diameter inches (mm)
26 Bloomsburg	08/17/2007	13:16 PM	Hail	1 (25.4)
27 Bloomsburg	08/25/2007	16:00 PM	Hail	0.75 (19)
28 Orangeville	08/30/2007	16:35 PM	Hail	0.88 (22)

Table 2.7-13— Ice Storm Events in Luzerne County, Pennsylvania

Location or County	Start Date and time	End Date and Time	Ice Thickness
PAZ038>040 - 043>044 - 047>048	01/02/1999 05:00 PM	01/03/1999 09:00 AM	Not listed
PAZ038>040 - 043>044 - 047>048	01/13/1999 08:00 PM	01/15/1999 11:00 AM	Not listed
PAZ038>040 - 043>044 - 047>048	02/13/2000 05:00 PM	02/14/2000 03:00 PM	Up to 0.25 inches 6.35 mm
PAZ040 - 043>044 - 047>048	12/13/2000 11:00 PM	12/14/2000 10:00 AM	0.25 to 0.5 inches 6.35 to 12.7 mm
PAZ038>040 - 043>044 - 047>048	02/24/2001 11:00 PM	02/25/2001 12:00 PM	Not listed
PAZ038>040 - 043>044 - 047>048	01/31/2002 01:00 AM	01/31/2002 11:59 PM	Up to 0.25 inches 6.35 mm
PAZ038>040 - 043>044 - 047>048	02/01/2002 12:00 AM	02/01/2002 12:00 PM	Up to 0.25 inches 6.35 mm
PAZ038>040 - 043>044 - 047>048	12/11/2002 08:00 AM	12/12/2002 08:00 AM	Up to 0.5 inches 12.7 mm
PAZ038>040 - 043>044 - 047>048 - 072	01/06/2005 02:00 AM	01/06/2005 02:00 PM	Up to 0.25 inches 6.35 mm
PAZ038>040 - 043>044 - 047>048 - 072	10/25/2005 11:00 AM	10/25/2005 10:00 PM	Not listed
PAZ040 - 043>044 - 047>048 - 072	12/16/2005 06:00 AM	12/16/2005 08:00 AM	Up to 0.5 inches 12.7 mm
PAZ038>040 - 043>044 - 047>048 - 072	02/13/2007 03:00 PM	02/14/2007 21:00 PM	Not listed
PAZ038>040 - 043>044 - 047	04/15/2007 01:00 AM	04/16/2007 19:00 PM	Not listed

Table 2.7-14— Ice Storm Events in Columbia County, Pennsylvania

(Page 1 of 2)

Location or County	Start Date and time	End Date and Time	Ice Thickness
PAZ037>047 - 049>054 - 056>059	11/27/1994 1500 PM	11/27/1994 2130 PM	Not listed
PAZ037>043 - 045 - 046 - 048>053 - 058	12/09/1994 1300 PM	12/09/1994 2100 PM	Not listed
PAZ037>055 - 058 - 060>062	12/31/1994 1445 PM	01/01/1995 0500	Not listed
PAZ045 - 046 - 048>055 - 058 - 060>062	01/06/1995 1900 PM	01/07/1995 0500 AM	Not listed
PAZ037>043 - 045 - 046 - 049>055 - 058 - 060>062	01/11/1995 1900 PM	01/12/1995 0400 AM	Not listed
PAZ037>055 - 058 - 060>062	01/31/1995 1445 PM	02/01/1995 0500 AM	Not listed
PAZ037>039 - 041>053 - 056 - 057 - 059 - 063>071	02/15/1995 0900 AM	02/15/1995 2100 PM	Not listed
PAZ045 - 046 - 049 - 053>059 - 063>066	02/26/1995 2200 PM	02/27/1995 0400 AM	Not listed
PAZ037>039 - 041 - 042 - 045 - 046 - 049>053	02/27/1995 1000 AM	02/28/1995 0500 AM	Not listed
PAZ004 - 005 - 006 - 010 - 011 - 012 - 017>019 - 024>028 - 033>037 - 041 - 042 - 045 - 046 - 049>053 - 056 - 063	11/14/1995 0600 AM	Not provided	Not listed
PAZ004 - 005 - 006 010 - 011 - 012 017>019 - 024>028 - 033>037 - 041 - 042 - 045 - 046 - 049>053 - 056 - 063	12/19/1995 0500 AM	12/20/1995 0300 AM	Not listed
PAZ017>019 - 024 - 026>028 - 036>037 - 041>042 - 045 - 049>053 - 056>059 - 063>066	02/13/1997 12:00 PM	02/13/1997 12:00 PM	Not listed
PAZ005>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	01/15/1998 04:00 PM	01/15/1998 0400 AM	Up to 0.25 inches 6.35 mm
PAZ006 - 012 - 018>019 - 037 - 041>042 - 045>046 - 049>053	01/22/1998 10:00 PM	01/22/1998 10:00 PM	Not listed
PAZ004>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	01/02/1999 11:00 PM	01/02/1999 11:00 PM	Not listed
PAZ004>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	01/08/1999 08:00 PM	01/08/1999 08:00 PM	Not listed
PAZ004>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	01/14/1999 06:00 AM	01/14/1999 06:00 AM	Not listed
PAZ005>006 - 010>012 - 018>019 - 025>028 - 037 - 041>042 - 045>046 - 049>053 - 056>059 - 064>066	02/13/2000 06:00 PM	02/14/2000 08:00 AM	Not listed
PAZ005>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	02/18/2000 08:00 AM	02/19/2000 08:00 AM	Not listed
PAZ004>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	12/13/2000 10:00 PM	12/14/2000 10:00 AM	Up to 0.25 inches 6.35 mm
PAZ004>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	12/10/2002 08:00 AM	12/11/2002 10:00 PM	0.25 to 0.5 inches 6.35 to 12.7 mm
PAZ005>006 - 010>012 - 041>042 - 045>046 - 053	01/01/2003 03:00 AM	01/02/2003 08:00 PM	Not listed for Columbia County
PAZ004>005 - 010>011 - 017>019 - 024>028 - 033>036 - 042 - 049>053 - 056>059 - 063>066	02/06/2004 05:00 AM	02/06/2004 03:00 PM	0.25 to 0.5 inches 6.35 to 12.7 mm
PAZ004>006 - 010>012 - 017>019 - 024>028 - 034 - 037 - 041>042 - 045>046 - 049>053 - 058	01/05/2005 10:00 PM	01/06/2005 10:00 AM	Not listed for Columbia County

Table 2.7-14— Ice Storm Events in Columbia County, Pennsylvania

(Page 2 of 2)

Location or County	Start Date and time	End Date and Time	Ice Thickness
PAZ012 - 018 - 028 - 041>042 - 053 - 058	01/08/2005 01:00 AM	01/08/2005 03:50 AM	Up to 0.25 inches 6.35 mm
PAZ004>006 - 010>012 - 017>019 - 024>025 - 033 - 037 - 041>042 - 053 - 057>059 - 065>066	01/22/2005 12:00 PM	01/23/2005 07:00 AM	Not listed
PAZ004>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056 - 058 - 063>064	12/16/2005 03:00 AM	12/16/2005 09:00 AM	0.25 inches or more 6.35 mm or more
PAZ046 - 053	02/13/2007 11:00 AM	02/14/2007 2100 PM	Not listed
PAZ004>006 - 010>012 - 017>019 - 024>028 - 033>035 - 037 -041>042 - 045>046 - 049>053 - 058	02/01/2008 03:00 AM	02/01/2008 19:00 PM	Not listed for Columbia County
PAZ028 - 046 - 049>053 - 056>059 - 063	02/12/2008 22:00 PM	02/13/2008 09:00AM	Not listed for Columbia County

Table 2.7-15— Snow Storm Events in Luzerne County, Pennsylvania

(Page 1 of 2)

Location or County	Date	Snow Amount
PAZ037>055 - 058 - 060>062	02/03/1995	5 to 8 inches 127 to 203 mm
LUZERNE	02/06/1995	< 1 inch < 25.4 mm
PAZ037>056 - 058 - 063 - 064	03/08/1995	5 inches 127 mm
PAZ038>040 - 043 - 044 - 047 - 048	11/14/1995	6 to 12 inches 152 to 305 mm
PAZ038>040 - 043>044 - 047>048	01/02/1996	8 to 12 inches 203 to 305 mm
PAZ038>040 - 043>044 - 047>048	01/07/1996	Up to 21 inches 533 mm
PAZ038>040 - 043>044 - 047>048	01/12/1996	8 to 12 inches 203 to 305 mm
PAZ038>040 - 043>044 - 047>048	03/06/1996	6 to 10 inches 152 to 254 mm
PAZ039>040 - 043>044 - 047>048	03/31/1997	12 to 30 inches 305 to 762 mm
PAZ038>040 - 043>044 - 047>048	12/29/1997	6 to 14 inches 152 to 356 mm
PAZ038>040 - 043>044 - 047>048	02/23/1998	4 to 12 inches 102 to 305 mm
PAZ038>040 - 043>044 - 047>048	01/02/1999	< 1 inch < 25.4 mm
PAZ038>040 - 043>044 - 047>048	01/13/1999	5 to 9 inches 127 to 229 mm
PAZ040 - 044 - 047>048	03/14/1999	7 to 10 inches 178 to 254 mm
PAZ038>040 - 043>044 - 047	03/21/1999	6 to 12 inches 152 to 305 mm
PAZ038>040 - 043>044 - 047>048	01/20/2000	2 to 5 inches 51 to 127 mm
PAZ038>040 - 043>044 - 047>048	01/25/2000	5 to12 inches 127 to 305 mm
PAZ038>040 - 043>044 - 047>048	01/30/2000	10 to 18 inches 254 to 457 mm
PAZ038>040 - 043>044 - 047>048	02/18/2000	4 to 7 inches 102 to 178 mm
PAZ039>040 - 043>044 - 047>048	04/08/2000	4 to 8 inches 102 to 203 mm
PAZ040 - 043>044 - 047>048	12/13/2000	Up to 3 inches Up to 76 mm
PAZ039>040 - 044 - 047	12/19/2000	4 to 7 inches 102 to 178 mm
PAZ040 - 044 - 047>048	01/20/2001	4 to 7 inches 102 to 178 mm
PAZ039>040 - 043>044 - 047>048	02/05/2001	4 to 8 inches 102 to 203 mm
PAZ038>040 - 043>044 - 047>048	03/04/2001	6 to 20 inches 152 to 508 mm
PAZ038>040 - 043>044 - 047>048	01/06/2002	7 to 15 inches 178 to 381 mm

Table 2.7-15— Snow Storm Events in Luzerne County, Pennsylvania

(Page 2 of 2)

Location or County	Date	Snow Amount
PAZ038>040 - 043>044 - 047>0468	01/31/2002	2 inches 51 mm
PAZ038>040 - 043>044 - 047>048	02/01/2002	2 inches 51 mm
PAZ040 - 043>044 - 047>048	12/05/2002	6 to 10 inches 152 to 254 mm
PAZ038>040 - 043>044 - 047>048	12/11/2002	Up to 2 inches 51 mm
PAZ038>040 - 043>044 - 047>048	12/24/2002	9 to 14 inches 229 to 356 mm
PAZ038>040 - 043>044 - 047>048	01/03/2003	4 to 9 inches 102 to 229 mm
PAZ038>040 - 043>044 - 047>048	02/17/2003	10 to 20 inches 254 to 508 mm
PAZ038>040 - 043>044 - 047>048	12/06/2003	5 to 9 inches 127 to 229 mm
PAZ038>040 - 043>044 - 047 - 072	03/16/2004	5 to 9 inches 127 to 229 mm
PAZ038>040 - 043>044 - 047>048 - 072	01/06/2005	3 to 7 inches 76 to 178 mm
PAZ038>040 - 043>044 - 047>048 - 072	01/23/2005	6 to 12 inches 152 to 305 mm
PAZ038>040 - 043>044 - 047>048 - 072	03/01/2005	8 to 14 inches 203 to 356 mm
PAZ038>040 - 043>044 - 047>048 - 072	03/24/2005	6 to 8 inches 152 to 203 mm
PAZ038>040 - 043>044 - 047>048 - 072	10/25/2005	Up to 2 inches Up to 51 mm
PAZ039>040 - 043>044 - 047>048 - 072	12/09/2005	6 to 10 inches 152 to 254 mm
PAZ038>040 - 043>044 - 047>048 - 072	02/13/2007	12 to 24 inches 305 to 610 mm
PAZ039>040 - 043>044 - 047>048 - 072	03/16/2007	10 to 15 inches 254 to 381 mm
PAZ038>040 - 043>044 - 047	04/15/2007	Up to 2 inches Up to 51 mm

Table 2.7-16— Probable Maximum Winter Precipitation (PMWP) Values

duration hours	PMWP depth inches	
	Jan-Feb	Dec
6	8	10
24	13	15
72	16	19

Table 2.7-17— Snow Storm Events in Columbia County, Pennsylvania

(Page 1 of 2)

Location or County	Date	Snow Amount
PAZ045 - 046 - 048>055 - 058 - 060>062	01/06/1995	Not listed
PAZ037>043 - 045 - 046 - 049>055 - 058 - 060>062	01/11/1995	< 1 inch < 25.4 mm
PAZ037>055 - 058 - 060>062	02/03/1995	5 to 8 inches 127 to 203 mm
PAZ037>056 - 058 - 063 - 064	03/08/1995	3 to 5 inches 76 to 127mm
PAZ42 - 053 - 065	11/11/1995	4 to 5 inches 102 to 127 mm
PAZ004 - 005 - 006 - 010 - 011 - 012 - 017>019 - 024>028 - 033>037 - 041 - 042 - 045 - 046 - 049>053 - 056 - 063	11/14/1995	Not listed for Columbia County
PAZ004 - 005 - 006 010 - 011 - 012 017>019 - 024>028 - 033>037 - 041 - 042 - 045 - 046 - 049>053 - 056 - 063	12/19/1995	17 inches 432 mm
PAZ004>006 - 010>011 - 018>019 - 037 - 041>042 - 045>046 - 049>050 - 052>053	01/02/1996	6 to 10 inches 152 to 254 mm
PAZ019 - 026>028 - 035>036 - 041>042 - 046 - 049>053 - 056>059 - 063>066	01/12/1996	Not listed for Columbia County
PAZ005>006 - 010>012 - 017>019 - 037 - 041>042 - 045>046 - 049>053	03/07/1996	6 inches 152 mm
PAZ017>019 - 024 - 026>028 - 036>037 - 041>042 - 045 - 049>053 - 056>059 - 063>066	02/13/1997	3 to 7 inches 76 to 178 mm
PAZ006 - 011>012 - 018>019 - 024 - 026>028 - 033 - 035>037 - 041>042 - 045>046 - 049>053 - 058	12/29/1997	8 to 14 inches 127 to 356 mm
PAZ006 - 011>012 - 017 - 019 - 024 - 028 - 033 - 037 - 041>042 - 049>050 - 053 - 058	02/23/1998	2 inches 51 mm
PAZ004>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	01/02/1999	1 to 4 inches 25.4 to 102 mm
PAZ004>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	01/08/1999	Not listed for Columbia County
PAZ004>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	01/14/1999	3 to 6 inches 76 to 152 mm
PAZ041>042 - 046 - 053	02/07/1999	6 inches 152 mm
PAZ018>019 - 024>028 - 033>036 - 049>053 - 056>059 - 063>066	03/14/1999	6 inches 152 mm
PAZ028 - 036 - 041>042 - 046 - 049>053 - 056>059 - 063>066	01/25/2000	Not listed for Columbia County
PAZ012 - 018>019 - 024>028 - 034>036 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	01/30/2000	10 to 12 inches 254 to 305 mm
PAZ005>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	02/18/2000	4 to 7 inches 102 to 178 mm
PAZ004>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	12/13/2000	1 to 2 inches 25.4 to 51 mm
PAZ024 - 033 - 036 - 042 - 051 - 053 - 058>059 - 064>066	01/20/2001	5 to 8 inches 127 to 203 mm
PAZ004>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056>058 - 063>064	03/04/2001	12 to 15 inches 305 to 381 mm
PAZ005>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>065	01/06/2002	10 to 14 inches 254 to 356 mm
PAZ004>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	12/05/2002	5 to 8 inches 127 to 203 mm

Table 2.7-17— Snow Storm Events in Columbia County, Pennsylvania

(Page 2 of 2)

Location or County	Date	Snow Amount
PAZ004>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	12/25/2002	12 to 18 inches 305 to 457 mm
PAZ006 - 012 - 017>019 - 024>025 - 033 - 037 - 041>042 - 045>046 - 049 - 051 - 053	01/02/2003	6 to 8 inches 152 to 203 mm
PAZ012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	02/16/2003	4 to 10 inches 102 to 254 mm
PAZ017>019 - 024>028 - 033>036 - 053 - 056>059 - 063>066	12/05/2003	6 to 12 inches 152 to 305 mm
PAZ017 - 024 - 033 - 042 - 046 - 051>053	01/27/2004	5 to 8 inches 127 to 203 mm
PAZ004>006 - 010>012 - 017>019 - 027>028 - 037 - 041>042 - 045>046 - 049>053 - 058	03/16/2004	6 to 8 inches 152 to 203 mm
PAZ018>019 - 027>028 - 049>053 - 056>058 - 063	03/19/2004	5 to 8 inches 127 to 203 mm
PAZ004>006 - 010>012 - 017>019 - 024>028 - 034 - 037 - 041>042 - 045>046 - 049>053 - 058	01/05/2005	6 to 10 inches 152 to 254 mm
PAZ004>006 - 010>012 - 017>019 - 024>025 - 033 - 037 - 041>042 - 053 - 057>059 - 065>066	01/22/2005	5 to 7 inches 127 to 178 mm
PAZ010>012 - 017>019 - 024 - 028 - 033 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	03/01/2005	6 to 8 inches 152 to 203 mm
PAZ012 - 017>019 - 024>028 - 033>036 - 041>042 - 045>046 - 049>053 - 056>059 - 063>066	12/09/2005	6 to 10 inches 152 to 254 mm
PAZ004>006 - 010>012 - 017>019 - 024>028 - 033>037 - 041>042 - 045>046 - 049>053 - 056 - 058 - 063>064	12/16/2005	3 to 6 inches 76 to 152 mm
PAZ046 - 053	02/13/2007	10 to 11 inches 254 to 279 mm
PAZ017>019 - 027>028 - 049>053 - 056>059 - 063	03/16/2007	6 to 12 inches 152 to 305 mm

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

(Page 1 of 46)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2001	1	1	31.2	-0.4	18.9	-7.3	25.3	-3.7
2001	1	2	22.4	-5.3	11.9	-11.2	18.4	-7.6
2001	1	3	27.4	-2.6	16.2	-8.8	21.1	-6.1
2001	1	4	31.6	-0.2	19.5	-6.9	26.1	-3.3
2001	1	5	28.2	-2.1	15.1	-9.4	23.1	-5.0
2001	1	6	33.2	0.7	27.2	-2.7	29.7	-1.3
2001	1	7	38.7	3.7	23.3	-4.8	29.8	-1.3
2001	1	8	33.7	0.9	25.3	-3.7	29.1	-1.6
2001	1	9	31.5	-0.3	21.3	-5.9	25.2	-3.8
2001	1	10	31.3	-0.4	21.0	-6.1	26.0	-3.3
2001	1	11	41.5	5.3	26.0	-3.3	32.2	0.1
2001	1	12	37.7	3.2	16.3	-8.7	25.9	-3.4
2001	1	13	39.0	3.9	16.8	-8.4	25.7	-3.5
2001	1	14	37.2	2.9	18.4	-7.6	27.3	-2.6
2001	1	15	37.8	3.2	32.3	0.2	35.0	1.7
2001	1	16	39.5	4.2	33.7	0.9	36.3	2.4
2001	1	17	35.5	1.9	33.4	0.8	34.7	1.5
2001	1	18	34.8	1.6	30.7	-0.7	32.6	0.3
2001	1	19	35.1	1.7	32.2	0.1	33.7	0.9
2001	1	20	33.4	0.8	26.0	-3.3	30.9	-0.6
2001	1	21	28.3	-2.1	19.0	-7.2	22.5	-5.3
2001	1	22	30.2	-1.0	5.3	-14.8	18.2	-7.7
2001	1	23	31.4	-0.3	4.9	-15.1	17.3	-8.1
2001	1	24	36.7	2.6	16.4	-8.7	25.0	-3.9
2001	1	25	33.2	0.7	23.3	-4.8	29.8	-1.2
2001	1	26	29.5	-1.4	13.4	-10.3	22.2	-5.5
2001	1	27	35.3	1.8	25.8	-3.4	30.0	-1.1
2001	1	28	31.2	-0.4	24.7	-4.1	28.4	-2.0
2001	1	29	33.5	0.8	10.7	-11.8	23.6	-4.7
2001	1	30	39.9	4.4	29.7	-1.3	34.6	1.4
2001	1	31	41.2	5.1	32.7	0.4	36.8	2.7
2001	2	1	41.3	5.2	35.6	2.0	37.8	3.2
2001	2	2	41.2	5.1	24.7	-4.1	34.5	1.4
2001	2	3	27.9	-2.3	20.9	-6.2	23.8	-4.6
2001	2	4	37.2	2.9	16.3	-8.7	27.6	-2.5
2001	2	5	32.8	0.4	30.2	-1.0	31.9	0.0
2001	2	6	39.7	4.3	32.6	0.3	35.4	1.9
2001	2	7	40.3	4.6	31.4	-0.3	36.8	2.6
2001	2	8	40.0	4.4	23.6	-4.7	31.9	0.0
2001	2	9	53.6	12.0	34.6	1.4	41.3	5.2
2001	2	10	58.2	14.6	25.5	-3.6	42.4	5.8
2001	2	11	27.4	-2.6	20.0	-6.7	23.0	-5.0
2001	2	12	32.9	0.5	13.2	-10.4	23.1	-4.9
2001	2	13	47.0	8.3	30.4	-0.9	36.4	2.5
2001	2	14	43.4	6.3	28.9	-1.7	38.3	3.5
2001	2	15	42.6	5.9	32.2	0.1	37.2	2.9
2001	2	16	35.7	2.1	29.2	-1.6	32.7	0.4
2001	2	17	35.7	2.1	19.7	-6.8	29.3	-1.5

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2001	2	18	30.0	-1.1	16.0	-8.9	22.1	-5.5
2001	2	19	40.5	4.7	13.7	-10.2	28.6	-1.9
2001	2	20	52.9	11.6	30.5	-0.8	41.5	5.3
2001	2	21	46.3	7.9	20.2	-6.6	34.0	1.1
2001	2	22	19.7	-6.8	11.9	-11.2	16.3	-8.7
2001	2	23	36.0	2.2	17.1	-8.3	25.2	-3.8
2001	2	24	32.2	0.1	19.7	-6.8	26.9	-2.9
2001	2	25	47.7	8.7	30.3	-0.9	37.8	3.2
2001	2	26	47.1	8.4	34.6	1.4	40.5	4.7
2001	2	27	44.3	6.8	24.5	-4.2	34.9	1.6
2001	2	28	34.4	1.3	22.7	-5.2	29.1	-1.6
2001	3	1	34.5	1.4	19.2	-7.1	27.3	-2.6
2001	3	2	38.1	3.4	28.8	-1.8	32.8	0.5
2001	3	3	43.3	6.3	34.7	1.5	38.2	3.4
2001	3	4	33.7	0.9	29.6	-1.3	32.3	0.1
2001	3	5	30.8	-0.7	24.7	-4.1	27.7	-2.4
2001	3	6	33.5	0.8	18.6	-7.4	26.2	-3.2
2001	3	7	41.8	5.4	31.7	-0.2	35.9	2.2
2001	3	8	40.8	4.9	27.8	-2.3	34.0	1.1
2001	3	9	36.3	2.4	30.8	-0.7	33.6	0.9
2001	3	10	39.1	3.9	28.1	-2.2	32.7	0.4
2001	3	11	42.4	5.8	22.3	-5.4	33.2	0.7
2001	3	12	46.4	8.0	25.0	-3.9	36.0	2.2
2001	3	13	43.6	6.4	33.4	0.8	38.0	3.3
2001	3	14	44.4	6.9	32.7	0.4	40.1	4.5
2001	3	15	46.8	8.2	26.6	-3.0	36.4	2.4
2001	3	16	46.3	7.9	30.3	-0.9	38.7	3.7
2001	3	17	40.8	4.9	34.3	1.3	39.3	4.1
2001	3	18	41.1	5.1	31.2	-0.4	35.2	1.8
2001	3	19	47.4	8.6	29.8	-1.2	39.0	3.9
2001	3	20	51.6	10.9	25.8	-3.4	39.4	4.1
2001	3	21	44.1	6.7	37.2	2.9	40.6	4.8
2001	3	22	41.4	5.2	36.5	2.5	38.6	3.7
2001	3	23	52.3	11.3	35.2	1.8	44.4	6.9
2001	3	24	47.5	8.6	30.3	-0.9	39.5	4.2
2001	3	25	36.6	2.6	26.2	-3.2	30.4	-0.9
2001	3	26	30.4	-0.9	25.2	-3.8	27.5	-2.5
2001	3	27	35.4	1.9	19.0	-7.2	27.4	-2.6
2001	3	28	43.9	6.6	21.4	-5.9	32.2	0.1
2001	3	29	42.6	5.9	28.4	-2.0	36.0	2.2
2001	3	30	42.2	5.7	36.6	2.6	39.4	4.1
2001	3	31	41.7	5.4	33.7	0.9	38.2	3.4
2001	4	1	42.7	5.9	35.2	1.8	38.4	3.6
2001	4	2	43.3	6.3	35.5	1.9	39.4	4.1
2001	4	3	49.1	9.5	26.6	-3.0	37.3	2.9
2001	4	4	53.8	12.1	29.0	-1.7	40.6	4.8
2001	4	5	59.6	15.3	27.6	-2.4	43.6	6.5
2001	4	6	48.2	9.0	38.7	3.7	43.9	6.6

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

(Page 3 of 46)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2001	4	7	53.3	11.8	44.0	6.7	48.8	9.3
2001	4	8	56.9	13.8	40.0	4.4	46.7	8.2
2001	4	9	80.9	27.2	39.9	4.4	55.5	13.0
2001	4	10	60.7	15.9	44.9	7.2	52.4	11.4
2001	4	11	54.8	12.7	48.4	9.1	50.5	10.3
2001	4	12	65.2	18.4	49.2	9.6	55.3	13.0
2001	4	13	68.9	20.5	51.4	10.8	58.6	14.8
2001	4	14	65.1	18.4	42.7	5.9	54.0	12.2
2001	4	15	62.6	17.0	37.3	2.9	52.1	11.2
2001	4	16	48.7	9.3	42.0	5.6	46.0	7.8
2001	4	17	42.9	6.1	35.7	2.1	39.0	3.9
2001	4	18	42.1	5.6	33.5	0.8	38.1	3.4
2001	4	19	52.9	11.6	28.0	-2.2	39.6	4.2
2001	4	20	61.2	16.2	32.1	0.1	46.4	8.0
2001	4	21	66.4	19.1	47.3	8.5	56.0	13.3
2001	4	22	79.6	26.4	51.2	10.7	66.0	18.9
2001	4	23	86.7	30.4	55.0	12.8	72.2	22.3
2001	4	24	77.8	25.4	48.1	8.9	64.8	18.2
2001	4	25	54.6	12.6	39.8	4.3	46.3	7.9
2001	4	26	64.3	17.9	32.3	0.2	49.0	9.4
2001	4	27	70.0	21.1	35.2	1.8	53.1	11.7
2001	4	28	56.7	13.7	43.8	6.6	50.3	10.2
2001	4	29	63.8	17.7	30.1	-1.1	48.0	8.9
2001	4	30	75.8	24.3	34.1	1.2	56.4	13.5
2001	5	1	84.6	29.2	45.2	7.3	65.8	18.8
2001	5	2	88.2	31.2	49.8	9.9	69.4	20.8
2001	5	3	88.6	31.4	53.0	11.7	72.0	22.2
2001	5	4	88.8	31.6	56.6	13.7	73.9	23.3
2001	5	5	68.8	20.4	51.9	11.1	61.7	16.5
2001	5	6	67.8	19.9	41.6	5.3	55.4	13.0
2001	5	7	68.5	20.3	38.6	3.7	55.6	13.1
2001	5	8	69.4	20.8	42.3	5.7	57.6	14.2
2001	5	9	74.2	23.4	53.6	12.0	62.3	16.8
2001	5	10	79.9	26.6	48.3	9.1	64.0	17.8
2001	5	11	83.0	28.3	48.1	8.9	67.4	19.7
2001	5	12	71.2	21.8	54.4	12.4	63.0	17.2
2001	5	13	61.9	16.6	46.9	8.3	54.4	12.4
2001	5	14	62.3	16.8	35.9	2.2	49.8	9.9
2001	5	15	68.4	20.2	36.9	2.7	53.5	11.9
2001	5	16	70.0	21.1	38.6	3.7	56.0	13.3
2001	5	17	56.3	13.5	50.8	10.4	53.3	11.8
2001	5	18	62.4	16.9	53.3	11.8	57.6	14.2
2001	5	19	76.9	24.9	58.3	14.6	66.2	19.0
2001	5	20	64.5	18.1	50.1	10.1	58.0	14.4
2001	5	21	58.2	14.6	51.4	10.8	54.4	12.5
2001	5	22	68.7	20.4	58.2	14.6	61.7	16.5
2001	5	23	68.0	20.0	53.2	11.8	59.8	15.5
2001	5	24	74.9	23.8	52.4	11.3	62.9	17.2

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

(Page 4 of 46)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2001	5	25	66.3	19.1	57.5	14.2	61.0	16.1
2001	5	26	62.8	17.1	57.4	14.1	59.3	15.2
2001	5	27	67.9	19.9	55.2	12.9	60.1	15.6
2001	5	28	64.6	18.1	53.5	11.9	58.7	14.8
2001	5	29	68.1	20.1	49.6	9.8	58.1	14.5
2001	5	30	62.8	17.1	45.6	7.6	54.8	12.7
2001	5	31	67.3	19.6	39.8	4.3	54.3	12.4
2001	6	1	63.6	17.6	40.7	4.8	52.2	11.2
2001	6	2	69.3	20.7	53.0	11.7	60.1	15.6
2001	6	3	63.8	17.7	55.7	13.2	59.5	15.3
2001	6	4	69.0	20.6	53.7	12.1	61.3	16.3
2001	6	5	74.1	23.4	49.3	9.6	62.4	16.9
2001	6	6	71.3	21.8	58.3	14.6	63.9	17.7
2001	6	7	73.3	22.9	54.6	12.6	64.0	17.8
2001	6	8	76.4	24.7	47.1	8.4	62.7	17.1
2001	6	9	76.4	24.7	45.7	7.6	61.8	16.6
2001	6	10	77.5	25.3	46.6	8.1	62.5	16.9
2001	6	11	81.0	27.2	58.7	14.8	68.8	20.4
2001	6	12	83.6	28.7	58.6	14.8	69.4	20.8
2001	6	13	85.2	29.6	65.7	18.7	74.0	23.3
2001	6	14	89.2	31.8	65.6	18.7	76.8	24.9
2001	6	15	84.9	29.4	66.8	19.3	75.4	24.1
2001	6	16	79.5	26.4	66.6	19.2	72.4	22.4
2001	6	17	82.4	28.0	63.0	17.2	71.8	22.1
2001	6	18	82.5	28.1	57.3	14.1	70.2	21.2
2001	6	19	87.7	30.9	59.1	15.1	74.4	23.5
2001	6	20	88.3	31.3	62.4	16.9	71.7	22.0
2001	6	21	78.4	25.8	66.2	19.0	71.4	21.9
2001	6	22	77.0	25.0	68.2	20.1	71.0	21.7
2001	6	23	72.1	22.3	58.3	14.6	66.9	19.4
2001	6	24	75.6	24.2	56.3	13.5	65.1	18.4
2001	6	25	80.4	26.9	54.8	12.7	67.7	19.8
2001	6	26	85.3	29.6	58.0	14.4	71.1	21.7
2001	6	27	88.0	31.1	60.0	15.6	74.3	23.5
2001	6	28	88.2	31.2	63.1	17.3	75.8	24.3
2001	6	29	87.6	30.9	65.1	18.4	76.6	24.8
2001	6	30	86.0	30.0	66.2	19.0	76.2	24.6
2001	7	1	81.2	27.3	58.5	14.7	69.7	21.0
2001	7	2	68.5	20.3	52.1	11.2	59.3	15.2
2001	7	3	74.5	23.6	46.4	8.0	62.8	17.1
2001	7	4	79.4	26.3	63.6	17.6	70.1	21.1
2001	7	5	80.8	27.1	60.7	15.9	69.0	20.6
2001	7	6	69.9	21.1	51.2	10.7	61.5	16.4
2001	7	7	78.9	26.1	49.9	9.9	65.9	18.8
2001	7	8	77.1	25.1	64.1	17.8	69.4	20.8
2001	7	9	86.6	30.3	64.0	17.8	73.7	23.2
2001	7	10	82.3	27.9	61.4	16.3	70.4	21.3
2001	7	11	75.0	23.9	61.1	16.2	67.9	19.9

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2001	7	12	73.1	22.8	55.4	13.0	64.5	18.0
2001	7	13	71.6	22.0	50.0	10.0	61.6	16.4
2001	7	14	74.1	23.4	54.5	12.5	64.9	18.3
2001	7	15	75.7	24.3	53.6	12.0	65.2	18.5
2001	7	16	79.5	26.4	57.6	14.2	68.9	20.5
2001	7	17	83.3	28.5	64.6	18.1	70.9	21.6
2001	7	18	79.8	26.6	63.7	17.6	70.1	21.2
2001	7	19	79.8	26.6	62.2	16.8	71.0	21.7
2001	7	20	81.4	27.4	58.8	14.9	70.0	21.1
2001	7	21	83.3	28.5	52.9	11.6	68.0	20.0
2001	7	22	83.7	28.7	55.6	13.1	70.5	21.4
2001	7	23	88.7	31.5	59.9	15.5	75.4	24.1
2001	7	24	92.3	33.5	67.1	19.5	80.9	27.1
2001	7	25	91.1	32.8	68.8	20.4	78.1	25.6
2001	7	26	74.0	23.3	60.8	16.0	69.1	20.6
2001	7	27	73.9	23.3	50.8	10.4	63.1	17.3
2001	7	28	77.7	25.4	51.6	10.9	65.8	18.8
2001	7	29	73.7	23.2	62.5	16.9	67.7	19.8
2001	7	30	75.9	24.4	64.1	17.8	68.6	20.3
2001	7	31	83.7	28.7	61.5	16.4	70.1	21.1
2001	8	1	88.0	31.1	58.0	14.4	72.2	22.3
2001	8	2	88.6	31.4	60.1	15.6	75.2	24.0
2001	8	3	85.5	29.7	67.0	19.4	75.7	24.3
2001	8	4	84.2	29.0	67.9	19.9	74.1	23.4
2001	8	5	88.5	31.4	64.8	18.2	75.2	24.0
2001	8	6	92.2	33.4	66.4	19.1	79.1	26.1
2001	8	7	96.0	35.6	69.5	20.8	82.3	27.9
2001	8	8	94.4	34.7	71.6	22.0	82.0	27.8
2001	8	9	96.8	36.0	65.8	18.8	82.1	27.8
2001	8	10	83.1	28.4	72.7	22.6	77.5	25.3
2001	8	11	73.4	23.0	68.1	20.1	70.2	21.2
2001	8	12	79.0	26.1	68.0	20.0	72.7	22.6
2001	8	13	81.5	27.5	66.8	19.3	73.6	23.1
2001	8	14	81.8	27.7	63.5	17.5	71.3	21.8
2001	8	15	82.6	28.1	58.9	14.9	71.4	21.9
2001	8	16	83.1	28.4	61.6	16.4	72.6	22.5
2001	8	17	82.6	28.1	64.9	18.3	73.9	23.3
2001	8	18	80.4	26.9	57.7	14.3	69.3	20.7
2001	8	19	84.3	29.1	60.0	15.6	71.7	22.1
2001	8	20	80.3	26.8	66.7	19.3	72.6	22.5
2001	8	21	78.2	25.7	58.6	14.8	67.8	19.9
2001	8	22	80.6	27.0	55.8	13.2	68.3	20.2
2001	8	23	67.5	19.7	59.8	15.4	63.7	17.6
2001	8	24	80.0	26.7	60.5	15.8	68.3	20.1
2001	8	25	81.1	27.3	53.5	11.9	67.2	19.5
2001	8	26	80.8	27.1	59.9	15.5	71.7	22.1
2001	8	27	76.5	24.7	66.4	19.1	71.0	21.7
2001	8	28	84.1	28.9	62.5	16.9	68.1	20.1

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

(Page 6 of 46)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2001	8	29	78.7	25.9	60.2	15.7	67.6	19.8
2001	8	30	78.3	25.7	56.8	13.8	67.9	19.9
2001	8	31	84.1	28.9	68.5	20.3	74.3	23.5
2001	9	1	69.2	20.7	53.8	12.1	65.4	18.6
2001	9	2	72.0	22.2	46.3	7.9	57.8	14.3
2001	9	3	77.5	25.3	48.8	9.3	63.6	17.6
2001	9	4	77.1	25.1	62.6	17.0	67.8	19.9
2001	9	5	71.4	21.9	52.5	11.4	61.7	16.5
2001	9	6	76.5	24.7	46.9	8.3	59.4	15.2
2001	9	7	83.1	28.4	48.9	9.4	66.1	18.9
2001	9	8	83.0	28.3	57.5	14.2	70.7	21.5
2001	9	9	81.8	27.7	58.9	14.9	71.2	21.8
2001	9	10	77.0	25.0	59.4	15.2	70.0	21.1
2001	9	11	75.1	23.9	56.0	13.3	63.8	17.7
2001	9	12	76.5	24.7	50.0	10.0	61.2	16.2
2001	9	13	80.8	27.1	50.1	10.1	63.7	17.6
2001	9	14	61.3	16.3	47.6	8.7	55.7	13.2
2001	9	15	65.0	18.3	40.9	4.9	51.7	10.9
2001	9	16	69.7	20.9	42.1	5.6	54.1	12.3
2001	9	17	73.5	23.1	45.7	7.6	57.0	13.9
2001	9	18	74.5	23.6	49.0	9.4	60.1	15.6
2001	9	19	75.9	24.4	53.5	11.9	64.8	18.2
2001	9	20	69.1	20.6	63.5	17.5	65.4	18.6
2001	9	21	76.8	24.9	57.7	14.3	66.3	19.1
2001	9	22	74.1	23.4	55.8	13.2	63.9	17.7
2001	9	23	75.9	24.4	51.3	10.7	61.3	16.3
2001	9	24	70.6	21.4	54.4	12.4	63.1	17.3
2001	9	25	61.1	16.2	46.0	7.8	56.4	13.5
2001	9	26	58.5	14.7	41.1	5.1	50.0	10.0
2001	9	27	56.2	13.4	47.0	8.3	51.3	10.7
2001	9	28	56.5	13.6	45.4	7.4	49.9	9.9
2001	9	29	62.2	16.8	46.7	8.2	53.2	11.8
2001	9	30	59.0	15.0	39.7	4.3	48.9	9.4
2001	10	1	70.0	21.1	43.1	6.2	52.8	11.6
2001	10	2	73.7	23.2	44.2	6.8	57.3	14.1
2001	10	3	78.5	25.8	48.9	9.4	62.5	17.0
2001	10	4	78.3	25.7	50.3	10.2	63.4	17.4
2001	10	5	76.4	24.7	48.5	9.2	62.9	17.2
2001	10	6	67.6	19.8	47.2	8.4	57.5	14.2
2001	10	7	48.4	9.1	38.4	3.6	44.3	6.8
2001	10	8	50.4	10.2	32.7	0.4	41.2	5.1
2001	10	9	59.9	15.5	28.9	-1.7	43.6	6.4
2001	10	10	68.5	20.3	34.9	1.6	50.4	10.2
2001	10	11	74.0	23.3	40.9	4.9	55.9	13.3
2001	10	12	73.7	23.2	47.2	8.4	60.4	15.8
2001	10	13	76.2	24.6	53.5	11.9	66.7	19.3
2001	10	14	67.6	19.8	60.8	16.0	64.0	17.8
2001	10	15	63.0	17.2	43.0	6.1	54.2	12.3

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2001	10	16	65.5	18.6	39.2	4.0	50.3	10.2
2001	10	17	50.2	10.1	43.2	6.2	47.1	8.4
2001	10	18	55.1	12.8	33.1	0.6	43.0	6.1
2001	10	19	62.8	17.1	32.4	0.2	47.6	8.7
2001	10	20	65.4	18.6	41.8	5.4	51.5	10.8
2001	10	21	75.2	24.0	38.8	3.8	56.0	13.4
2001	10	22	62.0	16.7	50.1	10.1	54.1	12.3
2001	10	23	68.9	20.5	49.8	9.9	60.0	15.5
2001	10	24	76.6	24.8	56.6	13.7	65.6	18.7
2001	10	25	69.8	21.0	53.2	11.8	63.1	17.3
2001	10	26	53.3	11.8	39.4	4.1	46.1	7.9
2001	10	27	44.5	6.9	38.8	3.8	41.0	5.0
2001	10	28	46.6	8.1	30.6	-0.8	39.8	4.3
2001	10	29	54.7	12.6	25.6	-3.6	40.3	4.6
2001	10	30	54.8	12.7	39.3	4.1	47.5	8.6
2001	10	31	52.3	11.3	39.4	4.1	46.9	8.3
2001	11	1	63.5	17.5	37.8	3.2	52.3	11.3
2001	11	2	72.7	22.6	47.5	8.6	61.3	16.3
2001	11	3	64.3	17.9	46.0	7.8	58.8	14.9
2001	11	4	59.7	15.4	36.5	2.5	48.3	9.0
2001	11	5	48.1	8.9	41.3	5.2	43.0	6.1
2001	11	6	51.4	10.8	39.6	4.2	44.1	6.7
2001	11	7	62.3	16.8	39.1	3.9	50.5	10.3
2001	11	8	65.2	18.4	35.2	1.8	49.0	9.4
2001	11	9	60.9	16.1	34.3	1.3	46.3	7.9
2001	11	10	58.9	14.9	31.6	-0.2	42.4	5.8
2001	11	11	51.0	10.6	28.8	-1.8	41.3	5.2
2001	11	12	45.7	7.6	24.0	-4.4	34.0	1.1
2001	11	13	52.7	11.5	24.0	-4.4	36.2	2.3
2001	11	14	58.4	14.7	27.2	-2.7	40.4	4.7
2001	11	15	62.0	16.7	41.8	5.4	51.1	10.6
2001	11	16	66.7	19.3	41.9	5.5	53.4	11.9
2001	11	17	54.3	12.4	34.5	1.4	43.7	6.5
2001	11	18	54.2	12.3	29.6	-1.3	40.4	4.7
2001	11	19	59.3	15.2	32.5	0.3	44.4	6.9
2001	11	20	56.4	13.6	33.6	0.9	41.6	5.3
2001	11	21	44.1	6.7	29.5	-1.4	36.2	2.3
2001	11	22	51.3	10.7	27.7	-2.4	37.3	2.9
2001	11	23	57.1	13.9	29.4	-1.4	42.8	6.0
2001	11	24	60.7	15.9	46.5	8.1	54.7	12.6
2001	11	25	63.6	17.6	45.3	7.4	57.4	14.1
2001	11	26	53.7	12.1	42.4	5.8	47.1	8.4
2001	11	27	52.5	11.4	36.3	2.4	44.5	6.9
2001	11	28	57.8	14.3	48.7	9.3	51.9	11.1
2001	11	29	54.0	12.2	50.0	10.0	52.1	11.1
2001	11	30	65.4	18.6	52.2	11.2	60.7	15.9
2001	12	1	60.8	16.0	43.3	6.3	52.3	11.3
2001	12	2	50.2	10.1	34.2	1.2	40.9	5.0

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2001	12	3	54.9	12.7	29.8	-1.2	38.8	3.8
2001	12	4	59.6	15.3	30.9	-0.6	44.6	7.0
2001	12	5	67.4	19.7	48.0	8.9	56.1	13.4
2001	12	6	62.0	16.7	42.7	5.9	52.3	11.3
2001	12	7	56.0	13.3	36.7	2.6	49.3	9.6
2001	12	8	38.2	3.4	29.7	-1.3	34.0	1.1
2001	12	9	41.1	5.1	29.8	-1.2	36.5	2.5
2001	12	10	45.1	7.3	25.0	-3.9	34.1	1.2
2001	12	11	49.3	9.6	30.8	-0.7	39.6	4.2
2001	12	12	44.6	7.0	27.0	-2.8	36.7	2.6
2001	12	13	51.4	10.8	44.0	6.7	48.2	9.0
2001	12	14	56.9	13.8	45.3	7.4	50.4	10.2
2001	12	15	53.4	11.9	32.8	0.4	39.9	4.4
2001	12	16	38.3	3.5	25.3	-3.7	32.6	0.4
2001	12	17	42.8	6.0	35.2	1.8	39.4	4.1
2001	12	18	44.5	6.9	39.1	3.9	42.6	5.9
2001	12	19	47.9	8.8	39.0	3.9	42.1	5.6
2001	12	20	40.2	4.6	32.7	0.4	36.4	2.5
2001	12	21	37.6	3.1	32.2	0.1	35.5	1.9
2001	12	22	37.9	3.3	27.3	-2.6	31.5	-0.3
2001	12	23	44.5	6.9	23.5	-4.7	34.8	1.5
2001	12	24	40.9	4.9	30.0	-1.1	35.2	1.8
2001	12	25	31.3	-0.4	23.3	-4.8	27.6	-2.4
2001	12	26	29.9	-1.2	18.4	-7.6	23.9	-4.5
2001	12	27	26.4	-3.1	15.1	-9.4	21.7	-5.7
2001	12	28	34.8	1.6	22.8	-5.1	28.3	-2.1
2001	12	29	31.1	-0.5	20.7	-6.3	25.3	-3.7
2001	12	30	25.4	-3.7	17.7	-7.9	21.4	-5.9
2001	12	31	25.7	-3.5	14.9	-9.5	19.7	-6.9
2002	1	1	30.6	-0.8	13.9	-10.1	21.8	-5.7
2002	1	2	31.5	-0.3	12.0	-11.1	22.8	-5.1
2002	1	3	35.0	1.7	10.3	-12.1	22.7	-5.2
2002	1	4	32.9	0.5	22.0	-5.6	27.9	-2.3
2002	1	5	37.5	3.1	29.3	-1.5	32.4	0.2
2002	1	6	38.3	3.5	23.4	-4.8	30.3	-0.9
2002	1	7	33.7	0.9	23.3	-4.8	30.9	-0.6
2002	1	8	29.4	-1.4	12.5	-10.8	22.9	-5.1
2002	1	9	42.4	5.8	22.8	-5.1	31.9	0.0
2002	1	10	51.0	10.6	32.8	0.4	40.2	4.5
2002	1	11	41.8	5.4	31.2	-0.4	36.2	2.3
2002	1	12	41.7	5.4	32.8	0.4	37.1	2.8
2002	1	13	39.2	4.0	32.5	0.3	36.4	2.5
2002	1	14	43.2	6.2	28.9	-1.7	36.7	2.6
2002	1	15	42.3	5.7	33.0	0.6	37.9	3.3
2002	1	16	36.8	2.7	31.4	-0.3	34.8	1.5
2002	1	17	42.8	6.0	31.6	-0.2	36.3	2.4
2002	1	18	32.8	0.4	26.2	-3.2	29.8	-1.2
2002	1	19	26.9	-2.8	20.3	-6.5	24.0	-4.4

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2002	1	20	32.9	0.5	20.5	-6.4	26.6	-3.0
2002	1	21	38.2	3.4	22.7	-5.2	31.7	-0.2
2002	1	22	43.5	6.4	27.7	-2.4	37.0	2.8
2002	1	23	45.8	7.7	27.5	-2.5	41.0	5.0
2002	1	24	44.6	7.0	38.1	3.4	40.4	4.7
2002	1	25	43.5	6.4	32.9	0.5	37.8	3.2
2002	1	26	51.8	11.0	28.8	-1.8	38.5	3.6
2002	1	27	58.4	14.7	25.5	-3.6	39.0	3.9
2002	1	28	58.3	14.6	27.4	-2.6	40.1	4.5
2002	1	29	65.1	18.4	34.2	1.2	47.1	8.4
2002	1	30	53.2	11.8	37.1	2.8	47.6	8.6
2002	1	31	39.2	4.0	33.3	0.7	36.5	2.5
2002	2	1	53.5	11.9	37.0	2.8	42.6	5.9
2002	2	2	35.0	1.7	24.9	-3.9	30.0	-1.1
2002	2	3	40.5	4.7	20.0	-6.7	30.6	-0.8
2002	2	4	33.3	0.7	17.8	-7.9	28.0	-2.2
2002	2	5	32.6	0.3	14.3	-9.8	22.5	-5.3
2002	2	6	38.7	3.7	26.9	-2.8	32.5	0.3
2002	2	7	41.5	5.3	28.6	-1.9	33.3	0.7
2002	2	8	50.2	10.1	27.5	-2.5	39.4	4.1
2002	2	9	50.2	10.1	31.3	-0.4	40.6	4.8
2002	2	10	50.8	10.4	37.8	3.2	43.7	6.5
2002	2	11	43.3	6.3	20.2	-6.6	31.2	-0.4
2002	2	12	44.9	7.2	18.5	-7.5	33.4	0.8
2002	2	13	40.1	4.5	21.7	-5.7	30.7	-0.7
2002	2	14	39.6	4.2	12.5	-10.8	26.0	-3.3
2002	2	15	48.1	8.9	24.0	-4.4	37.6	3.1
2002	2	16	46.7	8.2	35.1	1.7	41.9	5.5
2002	2	17	40.1	4.5	28.3	-2.1	35.3	1.8
2002	2	18	41.5	5.3	24.7	-4.1	31.3	-0.4
2002	2	19	50.2	10.1	18.8	-7.3	34.5	1.4
2002	2	20	57.2	14.0	35.7	2.1	47.2	8.4
2002	2	21	54.9	12.7	44.5	6.9	49.1	9.5
2002	2	22	43.5	6.4	36.7	2.6	39.4	4.1
2002	2	23	42.3	5.7	29.1	-1.6	35.0	1.7
2002	2	24	49.7	9.8	22.2	-5.4	34.3	1.3
2002	2	25	56.0	13.3	29.0	-1.7	42.2	5.6
2002	2	26	57.3	14.1	30.2	-1.0	43.7	6.5
2002	2	27	38.1	3.4	26.0	-3.3	31.1	-0.5
2002	2	28	35.6	2.0	23.8	-4.6	28.7	-1.8
2002	3	1	43.1	6.2	18.7	-7.4	30.6	-0.8
2002	3	2	46.1	7.8	24.4	-4.2	36.1	2.3
2002	3	3	57.8	14.3	33.1	0.6	49.1	9.5
2002	3	4	31.9	-0.1	17.8	-7.9	25.3	-3.7
2002	3	5	31.4	-0.3	12.8	-10.7	21.9	-5.6
2002	3	6	59.9	15.5	21.1	-6.1	40.3	4.6
2002	3	7	58.3	14.6	29.2	-1.6	44.1	6.7
2002	3	8	66.5	19.2	33.1	0.6	50.3	10.2

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2002	3	9	62.6	17.0	51.9	11.1	57.4	14.1
2002	3	10	57.6	14.2	26.6	-3.0	34.8	1.5
2002	3	11	37.1	2.8	23.1	-4.9	29.2	-1.6
2002	3	12	45.9	7.7	28.1	-2.2	38.7	3.7
2002	3	13	45.6	7.6	37.2	2.9	42.5	5.9
2002	3	14	61.2	16.2	42.5	5.8	50.8	10.5
2002	3	15	66.4	19.1	50.9	10.5	59.3	15.2
2002	3	16	61.0	16.1	31.5	-0.3	46.3	7.9
2002	3	17	37.6	3.1	27.0	-2.8	32.0	0.0
2002	3	18	37.4	3.0	32.5	0.3	36.1	2.3
2002	3	19	41.5	5.3	37.2	2.9	38.8	3.8
2002	3	20	42.6	5.9	36.1	2.3	38.7	3.7
2002	3	21	53.0	11.7	27.5	-2.5	40.7	4.8
2002	3	22	27.3	-2.6	18.6	-7.4	23.0	-5.0
2002	3	23	46.7	8.2	21.0	-6.1	33.7	0.9
2002	3	24	51.7	10.9	27.1	-2.7	40.7	4.8
2002	3	25	39.3	4.1	32.6	0.3	34.6	1.5
2002	3	26	42.8	6.0	34.5	1.4	37.3	2.9
2002	3	27	41.2	5.1	36.8	2.7	39.7	4.3
2002	3	28	49.5	9.7	27.9	-2.3	38.6	3.7
2002	3	29	62.2	16.8	31.6	-0.2	47.8	8.8
2002	3	30	61.0	16.1	49.7	9.8	56.3	13.5
2002	3	31	59.6	15.3	45.3	7.4	51.1	10.6
2002	4	1	50.1	10.1	42.0	5.6	46.7	8.2
2002	4	2	61.0	16.1	31.4	-0.3	46.6	8.1
2002	4	3	60.6	15.9	38.1	3.4	51.3	10.7
2002	4	4	44.5	6.9	32.3	0.2	37.9	3.3
2002	4	5	37.6	3.1	23.9	-4.5	31.7	-0.2
2002	4	6	39.1	3.9	28.8	-1.8	33.6	0.9
2002	4	7	48.8	9.3	21.5	-5.8	36.2	2.3
2002	4	8	60.0	15.6	42.2	5.7	50.0	10.0
2002	4	9	67.1	19.5	57.6	14.2	61.5	16.4
2002	4	10	60.3	15.7	44.3	6.8	51.6	10.9
2002	4	11	64.4	18.0	35.6	2.0	51.3	10.7
2002	4	12	58.5	14.7	40.1	4.5	50.4	10.2
2002	4	13	64.2	17.9	57.2	14.0	60.7	16.0
2002	4	14	72.3	22.4	52.2	11.2	61.8	16.6
2002	4	15	75.3	24.1	59.2	15.1	66.5	19.1
2002	4	16	87.3	30.7	56.6	13.7	72.2	22.3
2002	4	17	90.3	32.4	57.1	13.9	74.8	23.8
2002	4	18	86.8	30.4	61.8	16.6	74.4	23.5
2002	4	19	85.4	29.7	59.0	15.0	69.6	20.9
2002	4	20	61.7	16.5	50.2	10.1	56.8	13.8
2002	4	21	47.2	8.4	41.4	5.2	43.3	6.3
2002	4	22	50.0	10.0	38.5	3.6	43.5	6.4
2002	4	23	51.6	10.9	36.7	2.6	43.4	6.3
2002	4	24	59.5	15.3	29.8	-1.2	46.1	7.9
2002	4	25	51.4	10.8	37.4	3.0	46.5	8.1

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

(Page 11 of 46)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2002	4	26	57.3	14.1	32.1	0.1	45.5	7.5
2002	4	27	58.5	14.7	30.7	-0.7	46.5	8.0
2002	4	28	64.2	17.9	47.0	8.3	53.6	12.0
2002	4	29	57.2	14.0	41.3	5.2	46.3	7.9
2002	4	30	55.0	12.8	38.0	3.3	46.4	8.0
2002	5	1	62.3	16.8	33.9	1.1	48.8	9.3
2002	5	2	71.4	21.9	48.4	9.1	59.1	15.0
2002	5	3	58.4	14.7	45.2	7.3	50.8	10.4
2002	5	4	63.5	17.5	31.4	-0.3	49.3	9.6
2002	5	5	70.0	21.1	39.7	4.3	56.1	13.4
2002	5	6	74.0	23.3	42.8	6.0	59.8	15.5
2002	5	7	75.6	24.2	58.3	14.6	66.3	19.1
2002	5	8	70.2	21.2	53.4	11.9	62.4	16.9
2002	5	9	58.4	14.7	42.8	6.0	51.4	10.8
2002	5	10	68.9	20.5	53.8	12.1	60.5	15.8
2002	5	11	66.1	18.9	44.1	6.7	56.8	13.8
2002	5	12	56.7	13.7	51.3	10.7	54.7	12.6
2002	5	13	62.2	16.8	51.1	10.6	57.7	14.3
2002	5	14	54.7	12.6	45.2	7.3	48.4	9.1
2002	5	15	66.2	19.0	42.0	5.6	53.6	12.0
2002	5	16	76.1	24.5	39.7	4.3	60.1	15.6
2002	5	17	67.0	19.4	47.9	8.8	59.9	15.5
2002	5	18	49.5	9.7	38.4	3.6	44.5	6.9
2002	5	19	52.6	11.4	36.1	2.3	44.4	6.9
2002	5	20	49.2	9.6	36.7	2.6	42.7	5.9
2002	5	21	52.5	11.4	30.9	-0.6	43.1	6.1
2002	5	22	62.8	17.1	32.2	0.1	48.3	9.1
2002	5	23	74.2	23.4	36.8	2.7	56.5	13.6
2002	5	24	79.1	26.2	45.9	7.7	64.4	18.0
2002	5	25	68.5	20.3	48.3	9.1	60.0	15.6
2002	5	26	75.4	24.1	56.2	13.4	64.8	18.2
2002	5	27	77.7	25.4	55.0	12.8	67.7	19.8
2002	5	28	77.0	25.0	60.4	15.8	66.2	19.0
2002	5	29	76.3	24.6	59.5	15.3	66.5	19.1
2002	5	30	81.1	27.3	61.4	16.3	70.8	21.6
2002	5	31	83.0	28.3	59.7	15.4	70.4	21.3
2002	6	1	83.6	28.7	59.6	15.3	70.3	21.3
2002	6	2	73.1	22.8	55.8	13.2	64.9	18.3
2002	6	3	67.9	19.9	46.5	8.1	58.7	14.8
2002	6	4	71.6	22.0	52.5	11.4	64.4	18.0
2002	6	5	85.2	29.6	65.6	18.7	73.8	23.2
2002	6	6	66.2	19.0	58.5	14.7	62.9	17.2
2002	6	7	73.0	22.8	53.8	12.1	62.5	16.9
2002	6	8	73.2	22.9	52.4	11.3	63.4	17.5
2002	6	9	82.9	28.3	53.8	12.1	68.4	20.2
2002	6	10	82.7	28.2	59.8	15.4	71.3	21.8
2002	6	11	85.7	29.8	61.0	16.1	72.6	22.6
2002	6	12	78.3	25.7	65.6	18.7	71.9	22.2

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2002	6	13	70.4	21.3	60.4	15.8	64.8	18.2
2002	6	14	62.9	17.2	57.6	14.2	58.9	14.9
2002	6	15	66.5	19.2	56.8	13.8	60.3	15.7
2002	6	16	72.4	22.4	56.2	13.4	63.6	17.6
2002	6	17	73.9	23.3	50.6	10.3	61.2	16.2
2002	6	18	75.5	24.2	47.6	8.7	61.5	16.4
2002	6	19	77.1	25.1	54.0	12.2	66.0	18.9
2002	6	20	81.1	27.3	56.8	13.8	69.2	20.7
2002	6	21	82.5	28.1	58.8	14.9	71.0	21.7
2002	6	22	83.8	28.8	59.2	15.1	72.2	22.4
2002	6	23	86.3	30.2	66.5	19.2	76.0	24.4
2002	6	24	85.2	29.6	68.1	20.1	75.7	24.3
2002	6	25	88.2	31.2	68.4	20.2	77.0	25.0
2002	6	26	89.1	31.7	66.8	19.3	78.8	26.0
2002	6	27	85.4	29.7	67.5	19.7	74.3	23.5
2002	6	28	78.5	25.8	63.5	17.5	71.5	21.9
2002	6	29	82.3	27.9	55.4	13.0	69.1	20.6
2002	6	30	84.4	29.1	61.1	16.2	72.8	22.7
2002	7	1	86.6	30.3	61.7	16.5	74.5	23.6
2002	7	2	91.7	33.2	66.3	19.1	77.8	25.4
2002	7	3	92.8	33.8	73.1	22.8	81.9	27.7
2002	7	4	92.8	33.8	70.3	21.3	80.8	27.1
2002	7	5	77.1	25.1	63.2	17.3	71.1	21.7
2002	7	6	75.4	24.1	54.8	12.7	66.0	18.9
2002	7	7	79.1	26.2	52.8	11.6	65.9	18.8
2002	7	8	87.1	30.6	56.8	13.8	71.2	21.8
2002	7	9	86.5	30.3	64.7	18.2	73.0	22.8
2002	7	10	75.4	24.1	61.2	16.2	70.0	21.1
2002	7	11	73.5	23.1	48.3	9.1	62.5	16.9
2002	7	12	79.2	26.2	46.7	8.2	63.6	17.5
2002	7	13	80.1	26.7	51.1	10.6	66.9	19.4
2002	7	14	76.8	24.9	63.3	17.4	69.1	20.6
2002	7	15	88.1	31.2	60.6	15.9	74.4	23.6
2002	7	16	84.3	29.1	60.8	16.0	73.0	22.8
2002	7	17	93.4	34.1	57.1	13.9	75.9	24.4
2002	7	18	88.4	31.3	68.4	20.2	77.2	25.1
2002	7	19	87.3	30.7	66.7	19.3	72.8	22.7
2002	7	20	81.5	27.5	65.1	18.4	72.4	22.4
2002	7	21	85.2	29.6	62.0	16.7	74.4	23.5
2002	7	22	91.5	33.1	67.6	19.8	81.2	27.3
2002	7	23	90.1	32.3	65.1	18.4	75.8	24.3
2002	7	24	79.2	26.2	62.5	16.9	69.6	20.9
2002	7	25	78.4	25.8	66.4	19.1	71.3	21.8
2002	7	26	71.4	21.9	64.0	17.8	67.1	19.5
2002	7	27	78.7	25.9	64.9	18.3	71.1	21.7
2002	7	28	85.9	29.9	69.1	20.6	75.6	24.2
2002	7	29	90.3	32.4	73.7	23.2	81.1	27.3
2002	7	30	86.5	30.3	71.7	22.1	79.2	26.2

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2002	7	31	90.0	32.2	62.1	16.7	76.2	24.5
2002	8	1	92.0	33.3	66.7	19.3	78.5	25.8
2002	8	2	94.8	34.9	66.1	18.9	79.3	26.3
2002	8	3	90.4	32.4	68.8	20.4	78.7	25.9
2002	8	4	92.4	33.6	66.1	18.9	79.4	26.4
2002	8	5	86.6	30.3	67.3	19.6	74.7	23.7
2002	8	6	73.3	22.9	63.0	17.2	68.0	20.0
2002	8	7	74.1	23.4	52.3	11.3	64.7	18.1
2002	8	8	76.3	24.6	50.7	10.4	64.9	18.3
2002	8	9	81.1	27.3	50.8	10.4	66.6	19.2
2002	8	10	88.3	31.3	52.9	11.6	70.9	21.6
2002	8	11	90.4	32.4	57.5	14.2	74.4	23.5
2002	8	12	93.1	33.9	62.1	16.7	77.5	25.3
2002	8	13	92.9	33.8	65.2	18.4	79.1	26.1
2002	8	14	96.3	35.7	66.7	19.3	81.5	27.5
2002	8	15	92.2	33.4	67.8	19.9	79.7	26.5
2002	8	16	87.9	31.1	69.1	20.6	77.6	25.3
2002	8	17	89.6	32.0	68.6	20.3	78.2	25.7
2002	8	18	90.1	32.3	67.3	19.6	78.2	25.7
2002	8	19	85.3	29.6	63.1	17.3	76.0	24.4
2002	8	20	79.2	26.2	63.7	17.6	72.2	22.3
2002	8	21	85.6	29.8	55.7	13.2	71.3	21.8
2002	8	22	88.8	31.6	64.0	17.8	76.7	24.8
2002	8	23	79.9	26.6	68.7	20.4	73.2	22.9
2002	8	24	77.5	25.3	67.4	19.7	70.5	21.4
2002	8	25	80.4	26.9	61.8	16.6	70.9	21.6
2002	8	26	80.0	26.7	57.2	14.0	67.9	19.9
2002	8	27	80.7	27.1	58.6	14.8	70.6	21.5
2002	8	28	74.1	23.4	59.3	15.2	68.1	20.0
2002	8	29	63.2	17.3	55.9	13.3	59.6	15.3
2002	8	30	73.6	23.1	57.9	14.4	63.3	17.4
2002	8	31	78.5	25.8	54.4	12.4	66.0	18.9
2002	9	1	62.3	16.8	56.5	13.6	59.3	15.2
2002	9	2	71.4	21.9	59.3	15.2	64.1	17.8
2002	9	3	85.0	29.4	57.6	14.2	70.0	21.1
2002	9	4	83.8	28.8	68.2	20.1	75.3	24.1
2002	9	5	76.7	24.8	57.4	14.1	66.8	19.3
2002	9	6	77.7	25.4	48.6	9.2	62.4	16.9
2002	9	7	84.5	29.2	49.3	9.6	65.7	18.7
2002	9	8	86.8	30.4	51.0	10.6	67.0	19.5
2002	9	9	92.6	33.7	50.7	10.4	69.8	21.0
2002	9	10	92.4	33.6	56.2	13.4	72.3	22.4
2002	9	11	71.5	21.9	58.2	14.6	64.6	18.1
2002	9	12	72.5	22.5	48.4	9.1	61.0	16.1
2002	9	13	82.1	27.8	43.3	6.3	61.8	16.5
2002	9	14	83.9	28.8	53.2	11.8	68.9	20.5
2002	9	15	75.1	23.9	68.1	20.1	70.8	21.5
2002	9	16	73.0	22.8	59.0	15.0	68.0	20.0

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2002	9	17	76.9	24.9	54.7	12.6	61.7	16.5
2002	9	18	76.2	24.6	51.0	10.6	63.3	17.4
2002	9	19	73.0	22.8	54.7	12.6	65.0	18.3
2002	9	20	78.8	26.0	65.1	18.4	72.3	22.4
2002	9	21	77.6	25.3	69.4	20.8	72.5	22.5
2002	9	22	73.5	23.1	65.4	18.6	70.5	21.4
2002	9	23	67.1	19.5	50.0	10.0	60.7	15.9
2002	9	24	72.0	22.2	45.3	7.4	56.3	13.5
2002	9	25	72.0	22.2	48.4	9.1	58.7	14.8
2002	9	26	57.3	14.1	53.0	11.7	55.7	13.2
2002	9	27	72.5	22.5	53.8	12.1	62.5	16.9
2002	9	28	68.4	20.2	49.6	9.8	62.2	16.8
2002	9	29	69.3	20.7	43.2	6.2	54.8	12.7
2002	9	30	69.1	20.6	48.5	9.2	58.4	14.7
2002	10	1	79.4	26.3	51.1	10.6	64.0	17.8
2002	10	2	81.3	27.4	58.1	14.5	68.7	20.4
2002	10	3	74.1	23.4	61.5	16.4	66.6	19.2
2002	10	4	73.0	22.8	62.5	16.9	65.0	18.3
2002	10	5	73.8	23.2	56.1	13.4	68.9	20.5
2002	10	6	66.4	19.1	44.5	6.9	56.4	13.6
2002	10	7	67.6	19.8	50.9	10.5	61.7	16.5
2002	10	8	57.9	14.4	38.3	3.5	47.9	8.8
2002	10	9	62.0	16.7	39.8	4.3	51.2	10.7
2002	10	10	60.9	16.1	56.5	13.6	58.2	14.6
2002	10	11	56.2	13.4	53.8	12.1	54.9	12.7
2002	10	12	63.6	17.6	55.8	13.2	59.2	15.1
2002	10	13	62.4	16.9	51.8	11.0	57.7	14.3
2002	10	14	52.3	11.3	36.8	2.7	46.1	7.8
2002	10	15	55.5	13.1	32.7	0.4	45.2	7.4
2002	10	16	51.1	10.6	47.6	8.7	49.0	9.4
2002	10	17	54.8	12.7	43.0	6.1	47.7	8.7
2002	10	18	52.4	11.3	36.6	2.6	43.8	6.6
2002	10	19	50.9	10.5	42.4	5.8	48.1	9.0
2002	10	20	54.7	12.6	35.7	2.1	44.7	7.1
2002	10	21	51.8	11.0	34.4	1.3	41.3	5.2
2002	10	22	57.6	14.2	30.4	-0.9	43.2	6.2
2002	10	23	47.9	8.8	35.0	1.7	41.6	5.3
2002	10	24	42.1	5.6	29.1	-1.6	35.6	2.0
2002	10	25	42.3	5.7	34.8	1.6	39.3	4.0
2002	10	26	56.7	13.7	43.1	6.2	50.3	10.1
2002	10	27	57.0	13.9	43.9	6.6	49.6	9.8
2002	10	28	50.9	10.5	35.0	1.7	44.2	6.8
2002	10	29	42.7	5.9	29.2	-1.6	35.0	1.7
2002	10	30	35.8	2.1	32.5	0.3	33.7	1.0
2002	10	31	45.1	7.3	30.3	-0.9	36.8	2.7
2002	11	1	41.6	5.3	28.9	-1.7	35.3	1.9
2002	11	2	42.5	5.8	31.4	-0.3	36.5	2.5
2002	11	3	41.7	5.4	32.5	0.3	37.4	3.0

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

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Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2002	11	6	46.8	8.2	36.2	2.3	41.8	5.5
2002	11	7	42.0	5.6	28.6	-1.9	38.4	3.6
2002	11	8	60.3	15.7	29.2	-1.6	46.0	7.8
2002	11	9	65.4	18.6	33.3	0.7	49.2	9.6
2002	11	10	67.4	19.7	54.9	12.7	61.5	16.4
2002	11	11	68.1	20.1	50.0	10.0	63.3	17.4
2002	11	12	48.3	9.1	43.2	6.2	46.2	7.9
2002	11	13	46.0	7.8	40.0	4.4	44.6	7.0
2002	11	14	55.8	13.2	32.9	0.5	43.8	6.6
2002	11	15	56.0	13.3	35.8	2.1	46.9	8.3
2002	11	16	44.0	6.7	38.1	3.4	40.9	5.0
2002	11	17	39.7	4.3	35.8	2.1	38.1	3.4
2002	11	18	43.3	6.3	32.6	0.3	37.1	2.8
2002	11	19	39.5	4.2	29.2	-1.6	34.6	1.5
2002	11	20	50.8	10.4	33.1	0.6	38.9	3.8
2002	11	21	47.6	8.7	30.3	-0.9	39.6	4.2
2002	11	22	48.0	8.9	38.8	3.8	43.2	6.2
2002	11	23	40.5	4.7	32.4	0.2	35.7	2.0
2002	11	24	47.9	8.8	31.9	-0.1	40.1	4.5
2002	11	25	53.3	11.8	30.4	-0.9	41.2	5.1
2002	11	26	42.6	5.9	30.3	-0.9	37.0	2.8
2002	11	27	33.9	1.1	26.0	-3.3	31.1	-0.5
2002	11	28	31.5	-0.3	20.2	-6.6	25.8	-3.5
2002	11	29	38.6	3.7	24.7	-4.1	33.1	0.6
2002	11	30	47.7	8.7	32.2	0.1	39.0	3.9
2002	12	1	34.2	1.2	23.6	-4.7	27.6	-2.4
2002	12	2	35.8	2.1	22.8	-5.1	29.1	-1.6
2002	12	3	22.7	-5.2	11.8	-11.2	17.9	-7.8
2002	12	4	26.3	-3.2	8.7	-12.9	17.3	-8.2
2002	12	5	24.9	-3.9	20.0	-6.7	23.4	-4.8
2002	12	6	29.8	-1.2	20.5	-6.4	26.2	-3.2
2002	12	7	36.0	2.2	7.6	-13.6	21.6	-5.8
2002	12	8	37.7	3.2	19.9	-6.7	28.4	-2.0
2002	12	9	23.6	-4.7	9.3	-12.6	17.0	-8.3
2002	12	10	28.2	-2.1	7.2	-13.8	16.8	-8.5
2002	12	11	34.8	1.6	13.4	-10.3	26.2	-3.3
2002	12	12	39.4	4.1	32.7	0.4	35.1	1.7
2002	12	13	39.0	3.9	34.0	1.1	36.1	2.3
2002	12	14	42.1	5.6	37.5	3.1	40.3	4.6
2002	12	15	41.0	5.0	36.6	2.6	38.7	3.7
2002	12	16	39.7	4.3	22.1	-5.5	31.7	-0.2
2002	12	17	31.1	-0.5	19.2	-7.1	23.9	-4.5
2002	12	18	38.1	3.4	11.3	-11.5	23.8	-4.6
2002	12	19	45.9	7.7	22.5	-5.3	34.0	1.1
2002	12	20	56.4	13.6	38.4	3.6	47.3	8.5
2002	12	21	38.8	3.8	33.4	0.8	36.6	2.6
2002	12	22	45.5	7.5	28.9	-1.7	36.8	2.7
2002	12	23	39.9	4.4	32.3	0.2	35.7	2.1

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2002	12	24	37.0	2.8	30.7	-0.7	33.1	0.6
2002	12	25	34.2	1.2	28.5	-1.9	30.5	-0.8
2002	12	26	34.3	1.3	26.7	-2.9	30.5	-0.9
2002	12	27	32.2	0.1	24.8	-4.0	29.8	-1.2
2002	12	28	31.0	-0.6	14.7	-9.6	24.4	-4.2
2002	12	29	40.2	4.6	26.3	-3.2	33.7	1.0
2002	12	30	39.3	4.1	20.7	-6.3	30.7	-0.7
2002	12	31	47.2	8.4	34.7	1.5	39.3	4.0
2003	1	1	39.2	4.0	35.2	1.8	36.8	2.7
2003	1	2	35.6	2.0	28.5	-1.9	30.9	-0.6
2003	1	3	33.8	1.0	27.3	-2.6	30.1	-1.1
2003	1	4	33.0	0.6	29.7	-1.3	31.3	-0.4
2003	1	5	31.7	-0.2	27.4	-2.6	29.3	-1.5
2003	1	6	30.6	-0.8	27.2	-2.7	28.6	-1.9
2003	1	7	29.2	-1.6	18.1	-7.7	24.0	-4.5
2003	1	8	38.8	3.8	24.0	-4.4	33.6	0.9
2003	1	9	44.5	6.9	35.8	2.1	41.3	5.2
2003	1	10	42.1	5.6	25.7	-3.5	33.3	0.7
2003	1	11	25.9	-3.4	20.6	-6.3	23.0	-5.0
2003	1	12	28.9	-1.7	19.6	-6.9	23.6	-4.7
2003	1	13	31.5	-0.3	14.5	-9.7	23.3	-4.8
2003	1	14	23.1	-4.9	13.6	-10.2	19.5	-7.0
2003	1	15	23.2	-4.9	16.9	-8.4	20.4	-6.5
2003	1	16	22.2	-5.4	12.8	-10.7	18.0	-7.8
2003	1	17	23.8	-4.6	6.5	-14.2	16.3	-8.7
2003	1	18	18.1	-7.7	-1.2	-18.4	8.2	-13.2
2003	1	19	23.8	-4.6	3.7	-15.7	14.5	-9.7
2003	1	20	25.3	-3.7	15.5	-9.2	22.3	-5.4
2003	1	21	22.0	-5.6	6.6	-14.1	15.0	-9.4
2003	1	22	16.9	-8.4	8.6	-13.0	12.5	-10.8
2003	1	23	15.0	-9.4	4.8	-15.1	8.8	-12.9
2003	1	24	26.0	-3.3	7.2	-13.8	15.1	-9.4
2003	1	25	26.3	-3.2	15.7	-9.1	21.3	-5.9
2003	1	26	30.8	-0.7	20.9	-6.2	24.8	-4.0
2003	1	27	17.6	-8.0	1.5	-16.9	8.8	-12.9
2003	1	28	19.9	-6.7	-2.2	-19.0	9.9	-12.3
2003	1	29	31.0	-0.6	19.6	-6.9	25.1	-3.8
2003	1	30	33.7	0.9	14.2	-9.9	25.4	-3.7
2003	1	31	36.0	2.2	17.5	-8.1	28.4	-2.0
2003	2	1	36.6	2.6	34.0	1.1	35.3	1.8
2003	2	2	38.8	3.8	34.3	1.3	37.1	2.8
2003	2	3	44.5	6.9	30.7	-0.7	37.9	3.3
2003	2	4	42.7	5.9	33.2	0.7	38.8	3.8
2003	2	5	32.8	0.4	21.4	-5.9	26.2	-3.2
2003	2	6	29.3	-1.5	12.7	-10.7	22.1	-5.5
2003	2	7	32.2	0.1	22.3	-5.4	26.9	-2.9
2003	2	8	25.2	-3.8	12.2	-11.0	19.0	-7.3
2003	2	9	32.5	0.3	10.5	-11.9	22.5	-5.3

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2003	2	10	31.9	-0.1	22.7	-5.2	28.2	-2.1
2003	2	11	29.3	-1.5	10.6	-11.9	17.9	-7.8
2003	2	12	26.6	-3.0	12.9	-10.6	19.7	-6.8
2003	2	13	20.4	-6.4	13.9	-10.1	16.8	-8.4
2003	2	14	27.0	-2.8	4.8	-15.1	17.4	-8.1
2003	2	15	21.4	-5.9	9.4	-12.6	17.5	-8.1
2003	2	16	13.4	-10.3	5.3	-14.8	8.8	-12.9
2003	2	17	22.1	-5.5	12.2	-11.0	17.2	-8.2
2003	2	18	31.5	-0.3	20.9	-6.2	25.1	-3.9
2003	2	19	40.7	4.8	27.7	-2.4	33.3	0.7
2003	2	20	43.3	6.3	27.4	-2.6	36.8	2.7
2003	2	21	44.6	7.0	15.9	-8.9	31.5	-0.3
2003	2	22	45.3	7.4	34.9	1.6	39.5	4.2
2003	2	23	44.0	6.7	28.0	-2.2	37.4	3.0
2003	2	24	29.9	-1.2	20.2	-6.6	25.3	-3.7
2003	2	25	31.2	-0.4	16.8	-8.4	23.6	-4.7
2003	2	26	23.4	-4.8	14.1	-9.9	18.3	-7.6
2003	2	27	30.8	-0.7	19.1	-7.2	25.0	-3.9
2003	2	28	34.8	1.6	28.6	-1.9	31.2	-0.4
2003	3	1	35.3	1.8	29.6	-1.3	32.2	0.1
2003	3	2	41.1	5.1	33.0	0.6	36.4	2.4
2003	3	3	34.8	1.6	5.0	-15.0	14.7	-9.6
2003	3	4	36.2	2.3	8.9	-12.8	23.8	-4.5
2003	3	5	43.5	6.4	29.6	-1.3	36.8	2.6
2003	3	6	39.2	4.0	15.7	-9.1	27.0	-2.8
2003	3	7	32.7	0.4	1.1	-17.2	18.7	-7.4
2003	3	8	45.1	7.3	15.9	-8.9	31.7	-0.2
2003	3	9	44.2	6.8	19.8	-6.8	36.5	2.5
2003	3	10	25.5	-3.6	16.7	-8.5	20.3	-6.5
2003	3	11	36.0	2.2	9.9	-12.3	24.2	-4.3
2003	3	12	50.4	10.2	24.3	-4.3	35.9	2.2
2003	3	13	38.2	3.4	27.0	-2.8	34.8	1.6
2003	3	14	35.3	1.8	15.9	-8.9	25.8	-3.4
2003	3	15	53.2	11.8	25.0	-3.9	37.5	3.1
2003	3	16	65.0	18.3	28.3	-2.1	44.5	7.0
2003	3	17	66.5	19.2	37.0	2.8	47.9	8.8
2003	3	18	54.1	12.3	36.7	2.6	45.1	7.3
2003	3	19	46.9	8.3	35.2	1.8	40.6	4.8
2003	3	20	46.3	7.9	32.5	0.3	38.1	3.4
2003	3	21	59.6	15.3	41.4	5.2	47.7	8.7
2003	3	22	55.5	13.1	43.0	6.1	49.1	9.5
2003	3	23	53.5	11.9	38.0	3.3	45.0	7.2
2003	3	24	59.7	15.4	32.0	0.0	45.5	7.5
2003	3	25	69.3	20.7	34.7	1.5	53.2	11.8
2003	3	26	57.2	14.0	37.5	3.1	47.5	8.6
2003	3	27	59.7	15.4	34.8	1.6	45.0	7.2
2003	3	28	61.1	16.2	40.6	4.8	51.5	10.8
2003	3	29	63.2	17.3	48.6	9.2	56.9	13.8

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

(Page 18 of 46)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2003	3	30	47.5	8.6	30.3	-0.9	35.4	1.9
2003	3	31	36.2	2.3	26.1	-3.3	30.6	-0.8
2003	4	1	41.1	5.1	19.8	-6.8	31.3	-0.4
2003	4	2	76.0	24.4	37.4	3.0	54.0	12.2
2003	4	3	68.2	20.1	45.2	7.3	55.6	13.1
2003	4	4	48.5	9.2	37.1	2.8	42.4	5.8
2003	4	5	45.6	7.6	35.7	2.1	40.1	4.5
2003	4	6	43.0	6.1	29.9	-1.2	36.6	2.5
2003	4	7	34.4	1.3	28.6	-1.9	31.3	-0.4
2003	4	8	36.8	2.7	30.0	-1.1	33.3	0.7
2003	4	9	42.1	5.6	34.3	1.3	37.7	3.2
2003	4	10	58.3	14.6	37.3	2.9	46.0	7.8
2003	4	11	45.8	7.7	36.8	2.7	42.8	6.0
2003	4	12	64.6	18.1	43.2	6.2	52.7	11.5
2003	4	13	57.1	13.9	36.7	2.6	47.3	8.5
2003	4	14	68.6	20.3	30.7	-0.7	50.6	10.3
2003	4	15	82.2	27.9	41.0	5.0	64.2	17.9
2003	4	16	83.2	28.4	49.1	9.5	65.1	18.4
2003	4	17	47.3	8.5	35.3	1.8	40.5	4.7
2003	4	18	44.3	6.8	35.1	1.7	39.2	4.0
2003	4	19	67.3	19.6	43.4	6.3	53.3	11.8
2003	4	20	69.8	21.0	37.0	2.8	55.2	12.9
2003	4	21	59.2	15.1	46.5	8.1	54.3	12.4
2003	4	22	58.9	14.9	45.0	7.2	53.7	12.0
2003	4	23	44.0	6.7	39.4	4.1	41.7	5.4
2003	4	24	58.9	14.9	35.1	1.7	47.3	8.5
2003	4	25	67.4	19.7	36.4	2.4	53.0	11.6
2003	4	26	54.9	12.7	51.8	11.0	53.2	11.8
2003	4	27	68.4	20.2	47.5	8.6	57.2	14.0
2003	4	28	78.3	25.7	37.4	3.0	60.0	15.5
2003	4	29	68.9	20.5	47.9	8.8	57.2	14.0
2003	4	30	67.0	19.4	42.0	5.6	54.9	12.7
2003	5	1	78.7	25.9	57.4	14.1	66.5	19.2
2003	5	2	75.1	23.9	53.2	11.8	64.4	18.0
2003	5	3	64.2	17.9	46.6	8.1	54.7	12.6
2003	5	4	67.1	19.5	42.0	5.6	55.0	12.8
2003	5	5	55.9	13.3	41.4	5.2	46.7	8.2
2003	5	6	69.1	20.6	43.2	6.2	54.5	12.5
2003	5	9	61.3	16.3	49.4	9.7	57.7	14.3
2003	5	10	71.2	21.8	45.0	7.2	58.5	14.7
2003	5	11	74.4	23.6	56.6	13.7	65.9	18.8
2003	5	12	65.6	18.7	50.2	10.1	55.8	13.2
2003	5	13	53.8	12.1	48.4	9.1	51.0	10.6
2003	5	14	59.3	15.2	45.7	7.6	52.7	11.5
2003	5	15	65.8	18.8	40.0	4.4	53.4	11.9
2003	5	16	57.4	14.1	49.0	9.4	54.2	12.4
2003	5	17	55.9	13.3	47.4	8.6	51.4	10.8
2003	5	18	68.6	20.3	43.8	6.6	55.1	12.9

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2003	5	19	75.1	23.9	37.8	3.2	57.3	14.1
2003	5	20	75.4	24.1	42.2	5.7	60.4	15.8
2003	5	21	57.2	14.0	48.8	9.3	53.7	12.0
2003	5	22	57.8	14.3	49.1	9.5	53.5	11.9
2003	5	23	62.6	17.0	51.9	11.1	54.9	12.7
2003	5	24	57.7	14.3	53.1	11.7	55.6	13.1
2003	5	25	65.8	18.8	54.0	12.2	59.3	15.2
2003	5	26	59.2	15.1	52.6	11.4	56.8	13.8
2003	5	27	64.3	17.9	51.0	10.6	56.6	13.6
2003	5	28	65.5	18.6	51.4	10.8	55.9	13.3
2003	5	29	70.9	21.6	50.8	10.4	59.9	15.5
2003	5	30	73.1	22.8	51.3	10.7	62.8	17.1
2003	5	31	62.8	17.1	56.3	13.5	59.5	15.3
2003	6	1	59.2	15.1	47.2	8.4	52.3	11.3
2003	6	2	68.9	20.5	43.0	6.1	55.7	13.2
2003	6	3	60.2	15.7	45.5	7.5	52.1	11.1
2003	6	4	59.3	15.2	51.7	10.9	55.2	12.9
2003	6	5	65.5	18.6	55.2	12.9	59.5	15.3
2003	6	6	70.8	21.6	55.2	12.9	61.1	16.2
2003	6	7	60.8	16.0	52.1	11.2	57.3	14.1
2003	6	8	67.8	19.9	57.5	14.2	62.4	16.9
2003	6	9	72.9	22.7	59.9	15.5	66.2	19.0
2003	6	10	78.1	25.6	52.3	11.3	66.7	19.3
2003	6	11	76.2	24.6	67.6	19.8	70.8	21.6
2003	6	12	73.7	23.2	66.3	19.1	69.7	21.0
2003	6	13	80.7	27.1	67.1	19.5	73.8	23.2
2003	6	14	77.9	25.5	66.3	19.1	70.8	21.6
2003	6	15	77.3	25.2	57.4	14.1	67.5	19.7
2003	6	16	75.4	24.1	47.8	8.8	63.0	17.2
2003	6	17	70.8	21.6	50.5	10.3	61.3	16.3
2003	6	18	65.5	18.6	56.3	13.5	60.9	16.0
2003	6	19	76.7	24.8	57.3	14.1	65.4	18.6
2003	6	20	64.2	17.9	58.0	14.4	60.6	15.9
2003	6	21	62.1	16.7	58.0	14.4	59.8	15.4
2003	6	22	68.1	20.1	55.6	13.1	60.9	16.1
2003	6	23	87.4	30.8	54.2	12.3	69.6	20.9
2003	6	24	89.1	31.7	55.5	13.1	71.7	22.1
2003	6	25	89.2	31.8	57.0	13.9	73.2	22.9
2003	6	26	88.7	31.5	64.4	18.0	76.7	24.9
2003	6	27	82.2	27.9	62.6	17.0	72.6	22.5
2003	6	28	80.9	27.2	55.3	12.9	68.2	20.1
2003	6	29	82.6	28.1	60.0	15.6	71.3	21.8
2003	6	30	78.5	25.8	63.2	17.3	69.9	21.0
2003	7	1	80.9	27.2	56.9	13.8	68.3	20.2
2003	7	2	82.5	28.1	59.2	15.1	71.7	22.1
2003	7	3	85.3	29.6	61.7	16.5	73.8	23.2
2003	7	4	88.6	31.4	64.3	17.9	75.1	23.9
2003	7	5	86.7	30.4	67.4	19.7	77.2	25.1

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2003	7	6	87.9	31.1	69.3	20.7	77.7	25.4
2003	7	7	83.6	28.7	68.1	20.1	74.1	23.4
2003	7	8	86.7	30.4	68.6	20.3	76.4	24.7
2003	7	9	74.5	23.6	61.2	16.2	69.3	20.7
2003	7	10	68.3	20.2	58.3	14.6	63.9	17.7
2003	7	11	82.1	27.8	63.5	17.5	71.3	21.8
2003	7	12	78.7	25.9	57.5	14.2	68.7	20.4
2003	7	13	77.5	25.3	56.1	13.4	67.3	19.6
2003	7	14	80.7	27.1	57.6	14.2	69.0	20.5
2003	7	15	82.5	28.1	58.0	14.4	71.2	21.8
2003	7	16	84.7	29.3	67.4	19.7	76.7	24.9
2003	7	17	80.0	26.7	56.5	13.6	68.3	20.2
2003	7	18	74.9	23.8	61.8	16.6	67.4	19.7
2003	7	19	78.0	25.6	56.3	13.5	67.5	19.7
2003	7	20	80.7	27.1	54.2	12.3	68.7	20.4
2003	7	21	85.9	29.9	68.3	20.2	75.0	23.9
2003	7	22	71.5	21.9	63.4	17.4	67.5	19.7
2003	7	23	77.6	25.3	66.7	19.3	70.2	21.2
2003	7	24	75.7	24.3	61.2	16.2	69.0	20.6
2003	7	25	81.7	27.6	57.8	14.3	69.1	20.6
2003	7	26	83.5	28.6	57.7	14.3	71.1	21.7
2003	7	27	84.9	29.4	66.5	19.2	73.5	23.1
2003	7	28	77.0	25.0	66.8	19.3	71.6	22.0
2003	7	29	78.8	26.0	54.8	12.7	67.2	19.5
2003	7	30	82.2	27.9	56.8	13.8	69.7	21.0
2003	7	31	77.1	25.1	56.4	13.6	68.3	20.2
2003	8	1	75.7	24.3	66.0	18.9	71.0	21.7
2003	8	2	84.5	29.2	68.9	20.5	76.3	24.6
2003	8	3	81.8	27.7	68.4	20.2	74.0	23.3
2003	8	4	80.6	27.0	68.8	20.4	73.4	23.0
2003	8	5	79.1	26.2	66.7	19.3	70.4	21.3
2003	8	6	78.6	25.9	64.2	17.9	70.3	21.3
2003	8	7	81.2	27.3	63.2	17.3	72.2	22.3
2003	8	8	83.8	28.8	65.4	18.6	72.9	22.7
2003	8	9	79.2	26.2	68.8	20.4	73.7	23.2
2003	8	10	84.1	28.9	70.6	21.4	75.7	24.3
2003	8	11	75.2	24.0	68.3	20.2	70.3	21.3
2003	8	12	83.9	28.8	68.3	20.2	74.8	23.8
2003	8	13	86.9	30.5	67.3	19.6	74.8	23.8
2003	8	14	87.1	30.6	67.4	19.7	75.5	24.2
2003	8	15	86.0	30.0	65.0	18.3	73.8	23.2
2003	8	16	81.5	27.5	65.3	18.5	70.8	21.5
2003	8	17	78.2	25.7	62.5	16.9	69.9	21.0
2003	8	18	76.1	24.5	57.0	13.9	65.6	18.7
2003	8	19	82.0	27.8	57.3	14.1	68.5	20.3
2003	8	20	83.6	28.7	59.0	15.0	70.7	21.5
2003	8	21	85.5	29.7	63.0	17.2	73.7	23.2
2003	8	22	85.9	29.9	67.4	19.7	75.3	24.0

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2003	8	23	77.1	25.1	58.5	14.7	68.3	20.2
2003	8	24	74.2	23.4	49.5	9.7	62.1	16.7
2003	8	25	83.2	28.4	57.8	14.3	69.7	20.9
2003	8	26	78.9	26.1	62.8	17.1	69.6	20.9
2003	8	27	81.8	27.7	65.8	18.8	72.6	22.6
2003	8	28	78.9	26.1	57.4	14.1	67.9	19.9
2003	8	29	83.2	28.4	58.2	14.6	70.8	21.5
2003	8	30	70.6	21.4	59.1	15.1	67.4	19.7
2003	8	31	73.4	23.0	50.3	10.2	61.4	16.3
2003	9	1	66.5	19.2	61.6	16.4	63.5	17.5
2003	9	2	68.1	20.1	60.9	16.1	63.6	17.5
2003	9	3	68.1	20.1	60.8	16.0	64.2	17.9
2003	9	4	74.9	23.8	64.1	17.8	69.5	20.8
2003	9	5	67.2	19.6	55.1	12.8	62.2	16.8
2003	9	6	72.3	22.4	49.3	9.6	59.4	15.2
2003	9	7	74.9	23.8	51.9	11.1	61.1	16.1
2003	9	8	72.3	22.4	54.8	12.7	62.6	17.0
2003	9	9	73.4	23.0	53.9	12.2	64.2	17.9
2003	9	10	74.1	23.4	49.4	9.7	60.2	15.7
2003	9	11	78.2	25.7	51.9	11.1	64.6	18.1
2003	9	12	70.7	21.5	58.0	14.4	64.3	17.9
2003	9	13	72.2	22.3	61.2	16.2	67.0	19.4
2003	9	14	80.8	27.1	68.4	20.2	74.2	23.5
2003	9	15	71.3	21.8	64.5	18.1	68.5	20.3
2003	9	16	74.1	23.4	55.6	13.1	63.7	17.6
2003	9	17	74.2	23.4	51.3	10.7	61.8	16.5
2003	9	18	69.8	21.0	54.9	12.7	63.0	17.2
2003	9	19	74.1	23.4	64.4	18.0	69.5	20.8
2003	9	20	74.7	23.7	55.3	12.9	64.8	18.2
2003	9	21	70.1	21.2	50.7	10.4	60.0	15.6
2003	9	22	70.5	21.4	61.6	16.4	66.1	18.9
2003	9	23	70.3	21.3	51.3	10.7	63.9	17.7
2003	9	24	71.0	21.7	46.0	7.8	56.7	13.7
2003	9	25	69.9	21.1	49.8	9.9	59.4	15.2
2003	9	26	69.7	20.9	54.8	12.7	62.1	16.7
2003	9	27	76.8	24.9	64.3	17.9	69.7	20.9
2003	9	28	63.9	17.7	54.7	12.6	59.0	15.0
2003	9	29	58.5	14.7	48.9	9.4	53.8	12.1
2003	9	30	60.0	15.6	42.0	5.6	49.6	9.8
2003	10	1	54.2	12.3	42.1	5.6	48.4	9.1
2003	10	2	50.1	10.1	37.5	3.1	43.6	6.5
2003	10	3	55.3	12.9	32.9	0.5	43.7	6.5
2003	10	4	48.5	9.2	40.8	4.9	46.4	8.0
2003	10	5	53.3	11.8	37.4	3.0	44.0	6.7
2003	10	6	54.9	12.7	33.2	0.7	42.1	5.6
2003	10	7	63.5	17.5	33.8	1.0	46.6	8.1
2003	10	8	70.4	21.3	41.4	5.2	52.6	11.5
2003	10	9	76.9	24.9	44.9	7.2	58.2	14.6

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2003	10	10	72.1	22.3	52.2	11.2	59.5	15.3
2003	10	11	76.0	24.4	47.4	8.6	57.9	14.4
2003	10	12	71.9	22.2	43.7	6.5	56.5	13.6
2003	10	13	69.2	20.7	45.2	7.3	56.6	13.7
2003	10	14	64.9	18.3	44.9	7.2	54.8	12.7
2003	10	15	56.2	13.4	46.9	8.3	53.0	11.7
2003	10	16	58.6	14.8	38.5	3.6	49.1	9.5
2003	10	17	50.3	10.2	38.5	3.6	44.1	6.7
2003	10	18	52.6	11.4	39.0	3.9	44.3	6.8
2003	10	19	54.9	12.7	40.2	4.6	47.7	8.7
2003	10	20	59.8	15.4	33.5	0.8	45.9	7.7
2003	10	21	70.1	21.2	46.2	7.9	58.4	14.7
2003	10	22	54.1	12.3	39.0	3.9	45.4	7.5
2003	10	23	39.5	4.2	34.9	1.6	37.9	3.3
2003	10	24	50.3	10.2	32.5	0.3	39.5	4.2
2003	10	25	57.5	14.2	30.5	-0.8	45.1	7.3
2003	10	26	65.2	18.4	47.6	8.7	60.0	15.5
2003	10	27	61.3	16.3	42.7	5.9	54.5	12.5
2003	10	28	55.3	12.9	34.7	1.5	44.7	7.0
2003	10	29	48.5	9.2	44.7	7.1	46.3	7.9
2003	10	30	58.6	14.8	33.9	1.1	45.0	7.2
2003	10	31	69.2	20.7	37.7	3.2	52.0	11.1
2003	11	1	71.8	22.1	45.6	7.6	57.5	14.2
2003	11	2	63.0	17.2	50.5	10.3	57.0	13.9
2003	11	3	73.7	23.2	51.3	10.7	57.7	14.3
2003	11	7	52.9	11.6	43.5	6.4	47.8	8.8
2003	11	8	45.5	7.5	27.5	-2.5	36.1	2.3
2003	11	9	39.0	3.9	19.6	-6.9	28.6	-1.9
2003	11	10	45.7	7.6	20.1	-6.6	31.3	-0.4
2003	11	11	43.1	6.2	28.7	-1.8	36.9	2.7
2003	11	12	55.0	12.8	42.7	5.9	47.4	8.6
2003	11	13	57.0	13.9	34.9	1.6	44.0	6.7
2003	11	14	42.3	5.7	33.8	1.0	37.6	3.1
2003	11	15	48.0	8.9	32.0	0.0	41.3	5.2
2003	11	16	48.9	9.4	31.8	-0.1	40.8	4.9
2003	11	17	53.5	11.9	42.9	6.1	46.6	8.1
2003	11	18	54.4	12.4	40.8	4.9	47.1	8.4
2003	11	19	68.2	20.1	49.4	9.7	58.5	14.7
2003	11	20	48.4	9.1	33.9	1.1	44.9	7.2
2003	11	21	60.6	15.9	30.4	-0.9	42.5	5.8
2003	11	22	61.1	16.2	36.2	2.3	45.1	7.3
2003	11	23	58.8	14.9	36.2	2.3	46.6	8.1
2003	11	24	59.9	15.5	32.8	0.4	48.5	9.1
2003	11	25	36.4	2.4	29.0	-1.7	32.6	0.3
2003	11	26	43.3	6.3	29.5	-1.4	35.0	1.7
2003	11	27	53.6	12.0	30.9	-0.6	42.0	5.6
2003	11	28	60.7	15.9	39.5	4.2	49.0	9.4
2003	11	29	41.2	5.1	34.7	1.5	38.2	3.5

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

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Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2003	11	30	47.6	8.7	33.0	0.6	38.8	3.8
2003	12	1	46.4	8.0	29.7	-1.3	39.3	4.0
2003	12	2	31.7	-0.2	21.5	-5.8	28.4	-2.0
2003	12	3	31.0	-0.6	19.7	-6.8	23.7	-4.6
2003	12	4	34.2	1.2	15.9	-8.9	23.8	-4.6
2003	12	5	32.5	0.3	24.0	-4.4	29.2	-1.6
2003	12	6	27.5	-2.5	22.7	-5.2	24.9	-3.9
2003	12	7	28.3	-2.1	22.2	-5.4	24.5	-4.2
2003	12	8	30.7	-0.7	15.3	-9.3	23.8	-4.6
2003	12	9	35.3	1.8	24.4	-4.2	29.9	-1.2
2003	12	10	50.2	10.1	34.2	1.2	40.4	4.7
2003	12	11	55.6	13.1	37.7	3.2	48.6	9.2
2003	12	12	37.3	2.9	29.4	-1.4	34.1	1.1
2003	12	13	30.2	-1.0	24.9	-3.9	27.0	-2.8
2003	12	14	30.3	-0.9	22.9	-5.1	26.6	-3.0
2003	12	15	36.3	2.4	24.4	-4.2	31.1	-0.5
2003	12	16	44.7	7.1	21.5	-5.8	33.0	0.6
2003	12	17	44.6	7.0	27.6	-2.4	35.0	1.7
2003	12	18	30.9	-0.6	27.7	-2.4	28.9	-1.7
2003	12	19	31.9	-0.1	27.9	-2.3	29.5	-1.4
2003	12	20	31.7	-0.2	24.8	-4.0	27.9	-2.3
2003	12	21	33.5	0.8	22.7	-5.2	27.5	-2.5
2003	12	22	40.2	4.6	22.0	-5.6	30.9	-0.6
2003	12	23	54.5	12.5	36.2	2.3	44.6	7.0
2003	12	24	55.9	13.3	37.2	2.9	46.9	8.3
2003	12	25	36.5	2.5	29.7	-1.3	32.8	0.4
2003	12	26	40.2	4.6	29.3	-1.5	33.4	0.8
2003	12	27	45.5	7.5	26.1	-3.3	33.8	1.0
2003	12	28	47.2	8.4	23.0	-5.0	31.9	-0.1
2003	12	29	50.5	10.3	26.2	-3.2	34.9	1.6
2003	12	30	42.5	5.8	30.6	-0.8	37.0	2.8
2003	12	31	44.4	6.9	30.0	-1.1	36.9	2.7
2004	1	1	43.3	6.3	30.9	-0.6	38.1	3.4
2004	1	2	42.2	5.7	31.7	-0.2	37.7	3.2
2004	1	3	48.9	9.4	40.3	4.6	46.0	7.8
2004	1	4	48.2	9.0	34.3	1.3	41.9	5.5
2004	1	5	39.8	4.3	34.2	1.2	37.4	3.0
2004	1	6	35.0	1.7	16.4	-8.7	28.0	-2.2
2004	1	7	20.9	-6.2	13.9	-10.1	17.6	-8.0
2004	1	8	27.6	-2.4	18.9	-7.3	23.7	-4.6
2004	1	9	26.3	-3.2	-0.1	-17.8	11.9	-11.2
2004	1	10	10.7	-11.8	-3.6	-19.8	2.9	-16.2
2004	1	11	26.8	-2.9	1.5	-16.9	13.9	-10.0
2004	1	12	37.5	3.1	24.4	-4.2	28.5	-1.9
2004	1	13	36.5	2.5	16.1	-8.8	31.3	-0.4
2004	1	14	15.1	-9.4	5.3	-14.8	10.3	-12.1
2004	1	15	12.1	-11.1	-0.5	-18.1	8.1	-13.3
2004	1	16	24.0	-4.4	-1.5	-18.6	10.8	-11.8

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

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Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2004	1	17	21.5	-5.8	7.9	-13.4	16.5	-8.6
2004	1	18	31.4	-0.3	20.1	-6.6	25.7	-3.5
2004	1	19	24.7	-4.1	18.5	-7.5	21.5	-5.8
2004	1	20	26.8	-2.9	17.0	-8.3	21.2	-6.0
2004	1	21	22.0	-5.6	12.8	-10.7	17.4	-8.1
2004	1	22	35.3	1.8	13.8	-10.1	23.1	-5.0
2004	1	23	14.4	-9.8	7.3	-13.7	10.6	-11.9
2004	1	24	18.7	-7.4	7.9	-13.4	12.3	-10.9
2004	1	25	13.6	-10.2	0.3	-17.6	8.3	-13.2
2004	1	26	18.6	-7.4	11.8	-11.2	15.1	-9.4
2004	1	27	24.9	-3.9	16.6	-8.6	20.5	-6.4
2004	1	28	25.7	-3.5	18.5	-7.5	22.3	-5.4
2004	1	29	23.4	-4.8	14.7	-9.6	19.6	-6.9
2004	1	30	19.1	-7.2	9.3	-12.6	14.2	-9.9
2004	1	31	21.5	-5.8	9.9	-12.3	15.5	-9.2
2004	2	1	32.1	0.1	12.6	-10.8	20.9	-6.2
2004	2	2	34.6	1.4	15.2	-9.3	24.3	-4.3
2004	2	3	37.8	3.2	26.6	-3.0	32.3	0.2
2004	2	4	36.5	2.5	28.0	-2.2	33.9	1.0
2004	2	5	29.0	-1.7	17.0	-8.3	24.9	-3.9
2004	2	6	39.0	3.9	26.7	-2.9	32.3	0.2
2004	2	7	37.3	2.9	25.7	-3.5	33.3	0.7
2004	2	8	28.5	-1.9	14.0	-10.0	21.7	-5.7
2004	2	9	42.8	6.0	10.1	-12.2	26.9	-2.8
2004	2	10	41.7	5.4	30.4	-0.9	36.6	2.6
2004	2	11	35.7	2.1	23.2	-4.9	30.3	-0.9
2004	2	12	39.1	3.9	17.5	-8.1	27.8	-2.3
2004	2	13	36.3	2.4	30.0	-1.1	33.3	0.7
2004	2	14	33.7	0.9	26.6	-3.0	29.6	-1.3
2004	2	15	31.2	-0.4	12.5	-10.8	20.4	-6.5
2004	2	16	26.0	-3.3	5.0	-15.0	14.8	-9.6
2004	2	17	32.7	0.4	9.1	-12.7	21.4	-5.9
2004	2	18	36.7	2.6	12.1	-11.1	25.2	-3.8
2004	2	19	44.0	6.7	26.8	-2.9	35.0	1.7
2004	2	20	44.2	6.8	25.4	-3.7	34.7	1.5
2004	2	21	42.6	5.9	32.8	0.4	37.1	2.8
2004	2	22	40.3	4.6	32.7	0.4	35.4	1.9
2004	2	23	41.0	5.0	23.4	-4.8	31.6	-0.2
2004	2	24	31.6	-0.2	25.8	-3.4	30.5	-0.9
2004	2	25	36.7	2.6	11.6	-11.3	25.8	-3.4
2004	2	26	39.2	4.0	16.6	-8.6	28.6	-1.9
2004	2	27	43.5	6.4	24.9	-3.9	33.4	0.8
2004	2	28	51.2	10.7	18.5	-7.5	33.0	0.6
2004	2	29	54.3	12.4	23.0	-5.0	36.8	2.7
2004	3	1	55.1	12.8	26.8	-2.9	39.6	4.2
2004	3	2	63.9	17.7	36.4	2.4	47.8	8.8
2004	3	3	52.3	11.3	34.0	1.1	45.3	7.4
2004	3	4	50.5	10.3	38.0	3.3	42.8	6.0

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2004	3	5	51.0	10.6	41.9	5.5	46.9	8.3
2004	3	6	56.3	13.5	42.3	5.7	50.3	10.2
2004	3	7	50.5	10.3	36.7	2.6	42.9	6.1
2004	3	8	41.8	5.4	35.5	1.9	37.9	3.3
2004	3	9	38.0	3.3	29.5	-1.4	33.2	0.7
2004	3	10	42.5	5.8	27.6	-2.4	34.6	1.5
2004	3	11	49.2	9.6	23.3	-4.8	36.6	2.6
2004	3	12	40.3	4.6	30.3	-0.9	34.6	1.5
2004	3	13	38.8	3.8	25.7	-3.5	31.7	-0.2
2004	3	14	43.2	6.2	21.6	-5.8	33.9	1.0
2004	3	15	52.0	11.1	36.6	2.6	43.9	6.6
2004	3	16	34.9	1.6	27.7	-2.4	30.2	-1.0
2004	3	17	33.2	0.7	27.1	-2.7	29.6	-1.3
2004	3	18	37.5	3.1	25.2	-3.8	31.8	-0.1
2004	3	19	37.9	3.3	27.1	-2.7	33.5	0.8
2004	3	20	46.7	8.2	20.4	-6.4	34.6	1.4
2004	3	21	40.7	4.8	28.5	-1.9	37.7	3.2
2004	3	22	30.8	-0.7	20.3	-6.5	26.0	-3.3
2004	3	23	46.0	7.8	14.5	-9.7	31.0	-0.6
2004	3	24	58.0	14.4	26.3	-3.2	43.1	6.2
2004	3	25	57.7	14.3	43.2	6.2	49.7	9.8
2004	3	26	70.3	21.3	39.8	4.3	55.9	13.3
2004	3	27	63.6	17.6	50.9	10.5	57.1	14.0
2004	3	28	66.2	19.0	47.0	8.3	54.0	12.2
2004	3	29	57.6	14.2	38.7	3.7	48.1	8.9
2004	3	30	43.9	6.6	33.0	0.6	39.7	4.3
2004	3	31	52.0	11.1	40.3	4.6	45.0	7.2
2004	4	1	52.9	11.6	44.1	6.7	47.4	8.6
2004	4	2	48.4	9.1	43.4	6.3	46.1	7.8
2004	4	3	48.6	9.2	42.3	5.7	45.1	7.3
2004	4	4	41.6	5.3	29.4	-1.4	37.9	3.3
2004	4	5	38.7	3.7	25.4	-3.7	31.8	-0.1
2004	4	6	52.9	11.6	29.8	-1.2	41.3	5.2
2004	4	7	61.9	16.6	43.1	6.2	50.7	10.4
2004	4	8	48.8	9.3	31.4	-0.3	40.0	4.4
2004	4	9	56.3	13.5	37.7	3.2	46.5	8.0
2004	4	10	59.4	15.2	30.5	-0.8	46.4	8.0
2004	4	11	46.1	7.8	37.2	2.9	42.9	6.1
2004	4	12	54.6	12.6	40.2	4.6	45.0	7.2
2004	4	13	54.7	12.6	41.4	5.2	46.9	8.3
2004	4	14	49.2	9.6	43.2	6.2	45.6	7.5
2004	4	15	53.7	12.1	42.1	5.6	47.2	8.4
2004	4	16	63.1	17.3	29.2	-1.6	46.5	8.1
2004	4	17	78.6	25.9	42.5	5.8	60.9	16.0
2004	4	18	82.5	28.1	50.9	10.5	66.8	19.3
2004	4	19	86.1	30.1	49.3	9.6	69.7	20.9
2004	4	20	70.1	21.2	50.2	10.1	57.9	14.4
2004	4	21	68.5	20.3	47.8	8.8	57.5	14.1

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2004	4	22	73.7	23.2	52.5	11.4	61.7	16.5
2004	4	23	55.4	13.0	51.2	10.7	53.1	11.7
2004	4	24	63.9	17.7	50.3	10.2	56.0	13.3
2004	4	25	50.0	10.0	43.5	6.4	46.3	7.9
2004	4	26	55.4	13.0	46.7	8.2	51.1	10.6
2004	4	27	58.3	14.6	39.8	4.3	49.7	9.8
2004	4	28	55.9	13.3	35.2	1.8	45.2	7.3
2004	4	29	79.1	26.2	39.8	4.3	60.9	16.0
2004	4	30	77.4	25.2	50.8	10.4	66.3	19.1
2004	5	1	79.2	26.2	57.5	14.2	68.9	20.5
2004	5	2	75.1	23.9	59.5	15.3	68.3	20.2
2004	5	7	75.1	23.9	52.7	11.5	63.5	17.5
2004	5	8	65.8	18.8	47.8	8.8	55.7	13.2
2004	5	9	71.6	22.0	47.2	8.4	58.6	14.8
2004	5	10	82.8	28.2	55.0	12.8	69.0	20.6
2004	5	11	83.2	28.4	60.0	15.6	71.7	22.0
2004	5	12	84.7	29.3	61.4	16.3	71.6	22.0
2004	5	13	87.4	30.8	61.1	16.2	75.1	23.9
2004	5	14	80.3	26.8	65.4	18.6	71.7	22.0
2004	5	15	82.4	28.0	61.2	16.2	68.2	20.1
2004	5	16	71.8	22.1	56.6	13.7	63.1	17.3
2004	5	17	78.0	25.6	53.5	11.9	66.1	19.0
2004	5	18	78.9	26.1	64.3	17.9	70.6	21.5
2004	5	19	67.7	19.8	55.8	13.2	63.4	17.5
2004	5	20	68.4	20.2	52.6	11.4	61.2	16.2
2004	5	21	78.7	25.9	64.1	17.8	69.7	20.9
2004	5	22	81.6	27.6	64.2	17.9	72.1	22.3
2004	5	23	83.4	28.6	66.9	19.4	74.4	23.6
2004	5	24	84.5	29.2	65.4	18.6	75.6	24.2
2004	5	25	75.4	24.1	58.4	14.7	67.1	19.5
2004	5	26	71.2	21.8	62.2	16.8	65.9	18.8
2004	5	27	74.2	23.4	58.8	14.9	66.3	19.1
2004	5	28	73.6	23.1	60.1	15.6	66.4	19.1
2004	5	29	62.6	17.0	47.1	8.4	55.3	12.9
2004	5	30	71.4	21.9	40.6	4.8	57.0	13.9
2004	5	31	61.1	16.2	53.5	11.9	56.4	13.6
2004	6	1	72.2	22.3	55.8	13.2	62.0	16.6
2004	6	2	73.1	22.8	53.0	11.7	61.8	16.5
2004	6	3	72.7	22.6	56.8	13.8	64.1	17.8
2004	6	4	70.2	21.2	47.2	8.4	59.9	15.5
2004	6	5	58.7	14.8	52.4	11.3	54.5	12.5
2004	6	6	61.0	16.1	51.7	10.9	55.7	13.2
2004	6	7	79.5	26.4	52.3	11.3	64.9	18.3
2004	6	8	84.2	29.0	56.8	13.8	70.8	21.6
2004	6	9	88.4	31.3	61.9	16.6	75.3	24.1
2004	6	10	76.3	24.6	60.7	15.9	67.8	19.9
2004	6	11	63.9	17.7	55.5	13.1	60.0	15.6
2004	6	12	73.5	23.1	46.4	8.0	60.5	15.8

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2004	6	13	65.8	18.8	52.0	11.1	61.2	16.2
2004	6	14	82.2	27.9	61.0	16.1	70.3	21.3
2004	6	15	84.2	29.0	65.8	18.8	72.6	22.6
2004	6	16	84.9	29.4	63.8	17.7	74.0	23.3
2004	6	17	83.0	28.3	68.5	20.3	74.1	23.4
2004	6	18	84.1	28.9	68.0	20.0	74.0	23.3
2004	6	19	74.6	23.7	60.7	15.9	68.8	20.4
2004	6	20	68.8	20.4	50.5	10.3	59.8	15.4
2004	6	21	76.6	24.8	48.1	8.9	63.2	17.4
2004	6	22	76.3	24.6	63.2	17.3	69.0	20.5
2004	6	23	78.5	25.8	59.1	15.1	68.5	20.3
2004	6	24	82.4	28.0	56.7	13.7	69.9	21.1
2004	6	25	71.7	22.1	61.6	16.4	66.9	19.4
2004	6	26	72.7	22.6	61.3	16.3	66.4	19.1
2004	6	27	73.7	23.2	48.5	9.2	62.6	17.0
2004	6	28	70.1	21.2	51.0	10.6	60.9	16.1
2004	6	29	74.0	23.3	53.9	12.2	64.1	17.9
2004	6	30	79.5	26.4	54.2	12.3	67.0	19.5
2004	7	1	81.3	27.4	56.8	13.8	70.0	21.1
2004	7	2	81.9	27.7	59.0	15.0	68.8	20.5
2004	7	3	80.9	27.2	55.9	13.3	68.8	20.4
2004	7	4	80.5	26.9	62.2	16.8	72.6	22.5
2004	7	5	87.0	30.6	71.6	22.0	78.3	25.7
2004	7	6	80.0	26.7	63.3	17.4	70.8	21.6
2004	7	7	82.1	27.8	60.3	15.7	71.4	21.9
2004	7	8	79.8	26.6	67.6	19.8	72.5	22.5
2004	7	9	73.4	23.0	62.0	16.7	68.2	20.1
2004	7	10	80.2	26.8	55.8	13.2	67.5	19.7
2004	7	11	84.8	29.3	60.2	15.7	71.9	22.2
2004	7	12	71.1	21.7	66.2	19.0	68.1	20.0
2004	7	13	76.5	24.7	64.9	18.3	69.7	20.9
2004	7	14	72.4	22.4	63.9	17.7	66.8	19.3
2004	7	15	74.0	23.3	62.2	16.8	67.1	19.5
2004	7	16	72.4	22.4	62.5	16.9	66.2	19.0
2004	7	17	80.7	27.1	60.2	15.7	69.5	20.8
2004	7	18	70.0	21.1	62.4	16.9	66.1	19.0
2004	7	19	78.9	26.1	62.2	16.8	67.9	20.0
2004	7	20	79.4	26.3	62.7	17.1	68.9	20.5
2004	7	21	83.6	28.7	59.6	15.3	70.9	21.6
2004	7	22	85.5	29.7	64.0	17.8	74.0	23.3
2004	7	23	80.3	26.8	68.9	20.5	72.4	22.4
2004	7	24	74.7	23.7	61.4	16.3	68.4	20.2
2004	7	25	74.6	23.7	60.8	16.0	67.8	19.9
2004	7	26	74.5	23.6	60.9	16.1	68.3	20.2
2004	7	27	68.0	20.0	64.2	17.9	65.8	18.8
2004	7	28	78.9	26.1	63.4	17.4	68.0	20.0
2004	7	29	80.4	26.9	62.2	16.8	69.0	20.5
2004	7	30	84.2	29.0	62.2	16.8	73.3	23.0

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2004	7	31	84.9	29.4	69.3	20.7	75.9	24.4
2004	8	1	84.7	29.3	69.1	20.6	75.0	23.9
2004	8	2	84.7	29.3	66.2	19.0	74.7	23.7
2004	8	3	86.7	30.4	65.3	18.5	74.5	23.6
2004	8	4	81.4	27.4	65.1	18.4	70.8	21.5
2004	8	5	73.2	22.9	59.6	15.3	66.4	19.1
2004	8	6	65.4	18.6	48.9	9.4	58.2	14.6
2004	8	7	64.1	17.8	53.3	11.8	58.5	14.7
2004	8	8	76.9	24.9	53.9	12.2	63.6	17.5
2004	8	9	79.9	26.6	54.2	12.3	66.6	19.2
2004	8	10	82.3	27.9	59.4	15.2	71.1	21.7
2004	8	11	81.0	27.2	64.0	17.8	72.0	22.2
2004	8	12	72.4	22.4	64.9	18.3	68.4	20.2
2004	8	13	74.2	23.4	63.6	17.6	67.0	19.4
2004	8	14	73.6	23.1	61.0	16.1	66.7	19.3
2004	8	15	77.5	25.3	62.3	16.8	68.1	20.1
2004	8	16	75.2	24.0	59.6	15.3	65.8	18.8
2004	8	17	77.8	25.4	55.8	13.2	65.3	18.5
2004	8	18	79.7	26.5	60.1	15.6	68.7	20.4
2004	8	19	77.6	25.3	63.5	17.5	70.1	21.2
2004	8	20	85.0	29.4	64.3	17.9	71.7	22.1
2004	8	21	69.8	21.0	58.0	14.4	65.7	18.7
2004	8	22	72.3	22.4	49.9	9.9	60.0	15.6
2004	8	23	79.6	26.4	52.5	11.4	65.2	18.5
2004	8	24	78.1	25.6	62.5	16.9	69.8	21.0
2004	8	25	76.8	24.9	66.8	19.3	71.0	21.7
2004	8	26	78.6	25.9	60.3	15.7	69.1	20.6
2004	8	27	81.6	27.6	68.6	20.3	74.1	23.4
2004	8	28	86.1	30.1	66.7	19.3	73.3	22.9
2004	8	29	85.5	29.7	66.7	19.3	75.7	24.3
2004	8	30	82.0	27.8	68.4	20.2	74.1	23.4
2004	8	31	76.8	24.9	60.1	15.6	69.9	21.1
2004	9	1	77.6	25.3	56.1	13.4	65.1	18.4
2004	9	2	76.0	24.4	53.4	11.9	63.6	17.6
2004	9	3	78.3	25.7	56.1	13.4	66.4	19.1
2004	9	4	80.7	27.1	56.8	13.8	67.7	19.8
2004	9	5	69.5	20.8	61.1	16.2	64.9	18.3
2004	9	6	74.3	23.5	55.6	13.1	65.6	18.7
2004	9	7	80.2	26.8	63.2	17.3	71.5	21.9
2004	9	8	71.6	22.0	67.0	19.4	68.9	20.5
2004	9	9	79.7	26.5	66.3	19.1	73.3	22.9
2004	9	10	77.0	25.0	60.0	15.6	67.4	19.7
2004	9	11	74.7	23.7	55.5	13.1	63.9	17.7
2004	9	12	75.6	24.2	55.7	13.2	64.1	17.8
2004	9	13	79.4	26.3	57.0	13.9	65.1	18.4
2004	9	14	71.5	21.9	58.4	14.7	65.0	18.3
2004	9	15	72.2	22.3	58.1	14.5	64.6	18.1
2004	9	16	73.0	22.8	63.3	17.4	67.1	19.5

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2004	9	17	69.0	20.6	61.2	16.2	64.2	17.9
2004	9	18	62.4	16.9	53.4	11.9	58.8	14.9
2004	9	19	63.1	17.3	46.6	8.1	54.5	12.5
2004	9	20	68.8	20.4	42.5	5.8	53.8	12.1
2004	9	21	75.2	24.0	47.8	8.8	58.7	14.8
2004	9	22	80.0	26.7	48.0	8.9	60.8	16.0
2004	9	23	79.9	26.6	52.7	11.5	64.7	18.2
2004	9	24	80.0	26.7	58.0	14.4	67.0	19.5
2004	9	25	76.7	24.8	56.1	13.4	65.6	18.7
2004	9	26	70.7	21.5	54.5	12.5	64.2	17.9
2004	9	27	72.1	22.3	50.8	10.4	60.4	15.8
2004	9	28	64.1	17.8	61.5	16.4	63.4	17.4
2004	9	29	67.2	19.6	59.5	15.3	62.5	16.9
2004	9	30	66.5	19.2	50.0	10.0	59.7	15.4
2004	10	1	70.1	21.2	44.4	6.9	54.1	12.3
2004	10	2	65.6	18.7	51.9	11.1	61.0	16.1
2004	10	3	64.3	17.9	43.1	6.2	52.4	11.3
2004	10	4	69.2	20.7	40.9	4.9	53.6	12.0
2004	10	5	55.9	13.3	39.1	3.9	48.2	9.0
2004	10	6	62.3	16.8	34.9	1.6	46.1	7.8
2004	10	7	72.7	22.6	39.7	4.3	53.8	12.1
2004	10	8	75.3	24.1	46.9	8.3	58.4	14.7
2004	10	9	69.7	20.9	48.6	9.2	58.2	14.6
2004	10	10	56.9	13.8	45.8	7.7	51.3	10.7
2004	10	11	52.9	11.6	45.3	7.4	48.9	9.4
2004	10	12	62.2	16.8	42.2	5.7	50.0	10.0
2004	10	13	61.5	16.4	37.3	2.9	48.7	9.3
2004	10	14	53.3	11.8	49.4	9.7	51.2	10.7
2004	10	15	58.5	14.7	47.9	8.8	53.6	12.0
2004	10	16	55.3	12.9	40.7	4.8	47.3	8.5
2004	10	17	48.8	9.3	37.9	3.3	43.6	6.5
2004	10	18	54.8	12.7	42.7	5.9	47.8	8.8
2004	10	19	48.8	9.3	45.7	7.6	47.3	8.5
2004	10	20	51.2	10.7	46.1	7.8	48.5	9.2
2004	10	21	49.0	9.4	44.2	6.8	47.0	8.3
2004	10	22	54.5	12.5	40.0	4.4	47.3	8.5
2004	10	23	55.6	13.1	34.0	1.1	43.8	6.6
2004	10	24	49.8	9.9	37.9	3.3	45.0	7.2
2004	10	25	52.1	11.2	45.6	7.6	48.4	9.1
2004	10	26	54.5	12.5	44.3	6.8	49.9	9.9
2004	10	27	58.4	14.7	39.9	4.4	47.8	8.8
2004	10	28	60.5	15.8	38.6	3.7	49.0	9.5
2004	10	29	53.7	12.1	39.4	4.1	47.6	8.7
2004	10	30	65.7	18.7	51.9	11.1	58.1	14.5
2004	10	31	67.2	19.6	52.8	11.6	61.4	16.3
2004	11	1	57.0	13.9	46.2	7.9	51.4	10.8
2004	11	2	63.6	17.6	45.5	7.5	53.8	12.1
2004	11	4	44.7	7.1	30.9	-0.6	37.8	3.2

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2004	11	5	50.6	10.3	39.0	3.9	46.0	7.8
2004	11	6	57.9	14.4	34.8	1.6	46.0	7.8
2004	11	7	66.7	19.3	34.9	1.6	50.9	10.5
2004	11	8	54.3	12.4	38.6	3.7	42.8	6.0
2004	11	9	38.9	3.8	27.7	-2.4	33.6	0.9
2004	11	10	45.1	7.3	23.0	-5.0	34.2	1.2
2004	11	11	56.9	13.8	37.4	3.0	45.2	7.3
2004	11	12	41.8	5.4	35.3	1.8	37.0	2.8
2004	11	13	39.4	4.1	30.7	-0.7	35.1	1.7
2004	11	14	47.5	8.6	22.1	-5.5	33.2	0.7
2004	11	15	53.0	11.7	23.4	-4.8	35.3	1.8
2004	11	16	53.7	12.1	29.1	-1.6	39.2	4.0
2004	11	17	50.6	10.3	30.4	-0.9	40.3	4.6
2004	11	18	52.3	11.3	42.4	5.8	47.2	8.4
2004	11	19	56.2	13.4	46.9	8.3	50.5	10.3
2004	11	20	48.9	9.4	45.0	7.2	47.2	8.4
2004	11	21	55.9	13.3	46.5	8.1	49.4	9.7
2004	11	22	48.1	8.9	40.3	4.6	44.0	6.7
2004	11	23	50.9	10.5	34.0	1.1	43.4	6.4
2004	11	24	61.3	16.3	49.5	9.7	53.8	12.1
2004	11	25	63.3	17.4	33.8	1.0	50.4	10.2
2004	11	26	41.1	5.1	29.3	-1.5	34.7	1.5
2004	11	27	49.3	9.6	34.8	1.6	43.5	6.4
2004	11	28	54.2	12.3	44.2	6.8	49.9	9.9
2004	11	29	43.5	6.4	32.7	0.4	38.8	3.8
2004	11	30	50.2	10.1	33.3	0.7	40.8	4.9
2004	12	1	48.9	9.4	39.2	4.0	44.2	6.8
2004	12	2	41.1	5.1	29.0	-1.7	36.6	2.5
2004	12	3	42.2	5.7	26.1	-3.3	33.1	0.6
2004	12	4	42.6	5.9	21.7	-5.7	33.2	0.6
2004	12	5	51.5	10.8	34.8	1.6	42.2	5.7
2004	12	6	40.5	4.7	31.7	-0.2	36.1	2.3
2004	12	7	49.6	9.8	39.0	3.9	42.5	5.8
2004	12	8	53.8	12.1	37.7	3.2	48.3	9.1
2004	12	9	44.5	6.9	31.3	-0.4	37.9	3.3
2004	12	10	45.5	7.5	41.2	5.1	43.7	6.5
2004	12	11	46.8	8.2	39.3	4.1	42.4	5.8
2004	12	12	40.2	4.6	33.2	0.7	37.1	2.9
2004	12	13	39.8	4.3	31.1	-0.5	36.4	2.4
2004	12	14	33.1	0.6	23.6	-4.7	28.8	-1.8
2004	12	15	31.5	-0.3	18.9	-7.3	25.0	-3.9
2004	12	16	40.3	4.6	18.5	-7.5	28.9	-1.7
2004	12	17	37.8	3.2	25.5	-3.6	35.0	1.6
2004	12	18	38.2	3.4	18.6	-7.4	28.1	-2.1
2004	12	19	40.8	4.9	12.9	-10.6	27.6	-2.4
2004	12	20	11.6	-11.3	0.0	-17.8	5.9	-14.5
2004	12	21	31.8	-0.1	5.0	-15.0	17.8	-7.9
2004	12	22	48.8	9.3	18.1	-7.7	31.3	-0.4

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2004	12	23	57.6	14.2	34.5	1.4	48.3	9.1
2004	12	24	33.5	0.8	22.0	-5.6	27.9	-2.3
2004	12	25	23.4	-4.8	14.0	-10.0	19.5	-7.0
2004	12	26	27.4	-2.6	12.3	-10.9	19.8	-6.8
2004	12	27	26.7	-2.9	15.3	-9.3	19.5	-7.0
2004	12	28	28.3	-2.1	8.3	-13.2	18.3	-7.6
2004	12	29	36.2	2.3	27.6	-2.4	32.0	0.0
2004	12	30	40.9	4.9	32.6	0.3	36.9	2.7
2004	12	31	50.9	10.5	40.5	4.7	45.7	7.6
2005	1	1	56.2	13.4	36.2	2.3	46.2	7.9
2005	1	2	40.7	4.8	32.1	0.1	37.0	2.8
2005	1	3	44.3	6.8	39.0	3.9	41.7	5.4
2005	1	4	46.0	7.8	39.1	3.9	43.2	6.2
2005	1	5	38.5	3.6	29.4	-1.4	34.0	1.1
2005	1	6	35.5	1.9	30.1	-1.1	33.6	0.9
2005	1	7	37.2	2.9	29.8	-1.2	33.1	0.6
2005	1	8	38.4	3.6	30.7	-0.7	34.5	1.4
2005	1	9	35.3	1.8	30.4	-0.9	32.5	0.3
2005	1	10	42.1	5.6	33.3	0.7	37.2	2.9
2005	1	11	35.4	1.9	29.8	-1.2	32.2	0.1
2005	1	12	40.2	4.6	36.2	2.3	37.9	3.3
2005	1	13	64.9	18.3	37.7	3.2	50.1	10.1
2005	1	14	62.8	17.1	30.4	-0.9	41.9	5.5
2005	1	15	29.0	-1.7	20.4	-6.4	24.3	-4.3
2005	1	16	27.0	-2.8	20.3	-6.5	23.4	-4.8
2005	1	17	23.4	-4.8	13.5	-10.3	19.4	-7.0
2005	1	18	12.9	-10.6	5.0	-15.0	8.6	-13.0
2005	1	19	18.8	-7.3	5.1	-14.9	12.8	-10.6
2005	1	20	24.5	-4.2	15.4	-9.2	20.6	-6.4
2005	1	21	13.7	-10.2	1.7	-16.8	8.6	-13.0
2005	1	22	16.9	-8.4	-1.9	-18.8	7.4	-13.7
2005	1	23	15.2	-9.3	6.1	-14.4	11.2	-11.5
2005	1	24	17.3	-8.2	-0.9	-18.3	9.0	-12.8
2005	1	25	30.2	-1.0	17.0	-8.3	24.9	-3.9
2005	1	26	35.0	1.7	14.1	-9.9	28.1	-2.2
2005	1	27	15.0	-9.4	3.8	-15.7	9.1	-12.7
2005	1	28	20.0	-6.7	-7.0	-21.7	6.2	-14.3
2005	1	29	27.7	-2.4	-1.6	-18.7	13.8	-10.1
2005	1	30	38.3	3.5	23.7	-4.6	28.9	-1.7
2005	1	31	35.2	1.8	11.5	-11.4	23.5	-4.7
2005	2	1	37.0	2.8	8.3	-13.2	21.8	-5.7
2005	2	2	39.8	4.3	9.5	-12.5	23.1	-4.9
2005	2	3	40.0	4.4	20.8	-6.2	30.0	-1.1
2005	2	4	44.8	7.1	26.8	-2.9	34.9	1.6
2005	2	5	46.8	8.2	20.5	-6.4	32.4	0.2
2005	2	6	53.0	11.7	24.2	-4.3	35.6	2.0
2005	2	7	51.8	11.0	25.8	-3.4	37.2	2.9
2005	2	8	44.7	7.1	34.0	1.1	38.6	3.7

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2005	2	9	46.5	8.1	36.8	2.7	40.9	4.9
2005	2	10	41.2	5.1	28.5	-1.9	35.2	1.8
2005	2	11	38.7	3.7	23.8	-4.6	30.7	-0.7
2005	2	12	37.5	3.1	28.0	-2.2	32.6	0.4
2005	2	13	37.7	3.2	28.1	-2.2	32.7	0.4
2005	2	14	45.8	7.7	30.6	-0.8	36.7	2.6
2005	2	15	51.3	10.7	35.5	1.9	44.2	6.8
2005	2	16	49.1	9.5	32.7	0.4	39.7	4.3
2005	2	17	34.9	1.6	25.7	-3.5	29.8	-1.2
2005	2	18	25.8	-3.4	17.8	-7.9	22.0	-5.6
2005	2	19	28.6	-1.9	12.9	-10.6	20.9	-6.2
2005	2	20	33.5	0.8	23.6	-4.7	28.7	-1.8
2005	2	21	34.4	1.3	29.0	-1.7	32.0	0.0
2005	2	22	38.4	3.6	32.2	0.1	34.7	1.5
2005	2	23	33.7	0.9	25.7	-3.5	30.9	-0.6
2005	2	24	26.6	-3.0	20.5	-6.4	23.3	-4.8
2005	2	25	30.9	-0.6	17.8	-7.9	23.5	-4.8
2005	2	26	37.2	2.9	12.9	-10.6	25.5	-3.6
2005	2	27	32.2	0.1	15.3	-9.3	24.7	-4.1
2005	2	28	32.3	0.2	25.5	-3.6	28.2	-2.1
2005	3	1	33.2	0.7	24.7	-4.1	28.3	-2.1
2005	3	2	30.7	-0.7	22.4	-5.3	27.1	-2.7
2005	3	3	31.2	-0.4	16.6	-8.6	24.0	-4.4
2005	3	4	31.2	-0.4	13.9	-10.1	23.7	-4.6
2005	3	5	39.2	4.0	8.7	-12.9	24.2	-4.3
2005	3	6	45.9	7.7	16.9	-8.4	32.1	0.1
2005	3	7	58.3	14.6	30.0	-1.1	45.4	7.4
2005	3	8	50.0	10.0	15.7	-9.1	28.4	-2.0
2005	3	9	26.1	-3.3	12.9	-10.6	19.0	-7.2
2005	3	10	28.8	-1.8	6.4	-14.2	19.3	-7.1
2005	3	11	39.0	3.9	23.2	-4.9	30.5	-0.8
2005	3	12	36.4	2.4	24.6	-4.1	31.0	-0.6
2005	3	13	38.1	3.4	25.3	-3.7	32.1	0.0
2005	3	14	34.8	1.6	22.8	-5.1	29.1	-1.6
2005	3	15	40.4	4.7	21.6	-5.8	31.4	-0.3
2005	3	16	40.9	4.9	22.9	-5.1	32.7	0.4
2005	3	17	46.0	7.8	23.2	-4.9	34.0	1.1
2005	3	18	45.6	7.6	28.7	-1.8	37.1	2.9
2005	3	19	51.4	10.8	25.8	-3.4	38.2	3.4
2005	3	20	42.9	6.1	38.6	3.7	41.0	5.0
2005	3	21	40.7	4.8	36.2	2.3	38.7	3.7
2005	3	22	51.6	10.9	26.4	-3.1	38.7	3.7
2005	3	23	38.8	3.8	31.9	-0.1	35.3	1.9
2005	3	24	39.6	4.2	31.4	-0.3	35.3	1.8
2005	3	25	44.0	6.7	31.8	-0.1	38.1	3.4
2005	3	26	44.7	7.1	28.3	-2.1	36.9	2.7
2005	3	27	45.3	7.4	38.1	3.4	41.3	5.2
2005	3	28	46.0	7.8	36.5	2.5	40.9	4.9

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2005	3	29	45.7	7.6	38.2	3.4	43.4	6.3
2005	3	30	61.3	16.3	30.1	-1.1	44.5	7.0
2005	3	31	52.3	11.3	42.5	5.8	48.2	9.0
2005	4	1	63.1	17.3	44.4	6.9	52.7	11.5
2005	4	2	56.0	13.3	44.7	7.1	49.4	9.7
2005	4	3	51.5	10.8	34.0	1.1	39.4	4.1
2005	4	4	56.4	13.6	38.4	3.6	46.3	8.0
2005	4	5	63.2	17.3	33.0	0.6	49.3	9.6
2005	4	6	78.4	25.8	39.5	4.2	58.1	14.5
2005	4	7	75.4	24.1	47.6	8.7	61.1	16.1
2005	4	8	62.3	16.8	43.3	6.3	53.1	11.7
2005	4	9	65.5	18.6	36.6	2.6	51.9	11.1
2005	4	10	72.2	22.3	34.4	1.3	54.2	12.4
2005	4	11	58.7	14.8	42.9	6.1	52.1	11.2
2005	4	12	55.7	13.2	31.0	-0.6	43.9	6.6
2005	4	13	58.5	14.7	30.3	-0.9	45.7	7.6
2005	4	14	64.8	18.2	35.1	1.7	51.2	10.6
2005	4	15	59.8	15.4	40.0	4.4	49.1	9.5
2005	4	16	66.3	19.1	31.1	-0.5	49.2	9.5
2005	4	17	73.4	23.0	33.5	0.8	53.8	12.1
2005	4	18	72.7	22.6	40.6	4.8	57.8	14.3
2005	4	19	80.4	26.9	44.7	7.1	63.1	17.3
2005	4	20	81.0	27.2	52.9	11.6	68.9	20.5
2005	4	21	65.4	18.6	44.2	6.8	52.9	11.6
2005	4	22	55.2	12.9	34.5	1.4	45.2	7.3
2005	4	23	66.0	18.9	44.4	6.9	53.1	11.7
2005	4	24	50.4	10.2	36.1	2.3	41.4	5.2
2005	4	25	47.2	8.4	34.7	1.5	40.8	4.9
2005	4	26	68.4	20.2	35.9	2.2	53.8	12.1
2005	4	27	64.3	17.9	50.8	10.4	57.1	13.9
2005	4	28	57.1	13.9	44.5	6.9	50.5	10.3
2005	4	29	57.4	14.1	34.0	1.1	47.3	8.5
2005	4	30	57.5	14.2	48.7	9.3	53.2	11.8
2005	5	1	56.8	13.8	45.2	7.3	52.0	11.1
2005	5	2	51.3	10.7	34.5	1.4	42.9	6.0
2005	5	3	51.9	11.1	30.9	-0.6	41.7	5.4
2005	5	4	53.4	11.9	34.2	1.2	45.7	7.6
2005	5	7	65.8	18.8	35.2	1.8	52.8	11.6
2005	5	8	65.6	18.7	51.5	10.8	59.0	15.0
2005	5	9	77.9	25.5	43.4	6.3	63.0	17.2
2005	5	10	77.5	25.3	54.5	12.5	66.5	19.1
2005	5	11	86.1	30.1	53.0	11.7	70.3	21.3
2005	5	12	69.6	20.9	46.2	7.9	56.7	13.7
2005	5	13	67.3	19.6	33.6	0.9	51.9	11.0
2005	5	14	79.0	26.1	52.8	11.6	64.4	18.0
2005	5	15	71.8	22.1	59.8	15.4	65.1	18.4
2005	5	16	61.7	16.5	46.6	8.1	56.6	13.7
2005	5	17	62.1	16.7	42.0	5.6	53.3	11.8

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

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Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2005	5	18	65.4	18.6	39.5	4.2	53.0	11.7
2005	5	19	69.4	20.8	39.5	4.2	56.3	13.5
2005	5	20	59.8	15.4	47.3	8.5	53.6	12.0
2005	5	21	66.8	19.3	43.0	6.1	53.5	11.9
2005	5	22	56.7	13.7	49.4	9.7	52.6	11.4
2005	5	23	61.3	16.3	43.3	6.3	53.6	12.0
2005	5	24	56.9	13.8	50.4	10.2	53.5	12.0
2005	5	25	58.0	14.4	48.2	9.0	52.4	11.3
2005	5	26	73.4	23.0	49.2	9.6	62.1	16.7
2005	5	27	78.3	25.7	47.7	8.7	61.9	16.6
2005	5	28	68.4	20.2	47.6	8.7	56.4	13.6
2005	5	29	68.1	20.1	48.4	9.1	55.0	12.8
2005	5	30	68.3	20.2	44.3	6.8	54.6	12.6
2005	5	31	73.1	22.8	48.5	9.2	58.8	14.9
2005	6	1	77.3	25.2	52.7	11.5	66.6	19.2
2005	6	2	76.0	24.4	52.6	11.4	65.9	18.8
2005	6	3	62.0	16.7	57.0	13.9	60.0	15.5
2005	6	4	72.8	22.7	59.6	15.3	65.5	18.6
2005	6	5	84.5	29.2	59.3	15.2	70.3	21.3
2005	6	6	86.0	30.0	62.7	17.1	69.1	20.6
2005	6	7	87.0	30.6	61.7	16.5	71.9	22.2
2005	6	8	90.6	32.6	61.2	16.2	76.2	24.6
2005	6	9	87.0	30.6	64.4	18.0	75.7	24.3
2005	6	10	83.4	28.6	70.3	21.3	76.5	24.7
2005	6	11	85.3	29.6	72.5	22.5	78.7	25.9
2005	6	12	86.6	30.3	72.4	22.4	79.0	26.1
2005	6	13	89.0	31.7	65.1	18.4	77.9	25.5
2005	6	14	90.3	32.4	71.3	21.8	80.5	26.9
2005	6	15	79.2	26.2	65.2	18.4	74.0	23.3
2005	6	16	72.9	22.7	57.2	14.0	65.2	18.5
2005	6	17	69.1	20.6	51.6	10.9	60.2	15.7
2005	6	18	66.7	19.3	55.4	13.0	61.2	16.2
2005	6	19	69.6	20.9	54.3	12.4	61.7	16.5
2005	6	20	76.5	24.7	54.2	12.3	65.6	18.7
2005	6	21	80.0	26.7	54.3	12.4	68.0	20.0
2005	6	22	77.5	25.3	57.8	14.3	67.6	19.8
2005	6	23	78.4	25.8	46.7	8.2	63.7	17.6
2005	6	24	85.2	29.6	51.7	10.9	70.1	21.2
2005	6	25	90.4	32.4	60.3	15.7	76.0	24.4
2005	6	26	92.4	33.6	65.3	18.5	77.6	25.3
2005	6	27	89.1	31.7	66.9	19.4	77.5	25.3
2005	6	28	91.3	32.9	70.0	21.1	79.8	26.6
2005	6	29	85.9	29.9	69.9	21.1	77.6	25.4
2005	6	30	85.1	29.5	68.0	20.0	74.7	23.7
2005	7	1	85.3	29.6	65.0	18.3	75.3	24.0
2005	7	2	75.3	24.1	61.8	16.6	70.1	21.2
2005	7	3	79.2	26.2	53.4	11.9	68.1	20.0
2005	7	4	84.4	29.1	59.5	15.3	74.0	23.3

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

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Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2005	7	5	80.2	26.8	67.6	19.8	74.5	23.6
2005	7	6	79.7	26.5	67.0	19.4	72.6	22.6
2005	7	7	75.9	24.4	67.0	19.4	70.7	21.5
2005	7	8	69.5	20.8	63.8	17.7	66.5	19.2
2005	7	9	76.8	24.9	59.9	15.5	66.9	19.4
2005	7	10	87.1	30.6	60.8	16.0	73.2	22.9
2005	7	11	88.0	31.1	56.5	13.6	72.7	22.6
2005	7	12	89.1	31.7	66.0	18.9	77.5	25.3
2005	7	13	89.1	31.7	67.4	19.7	75.3	24.0
2005	7	14	83.9	28.8	67.2	19.6	75.4	24.1
2005	7	15	84.7	29.3	69.5	20.8	77.5	25.3
2005	7	16	83.2	28.4	72.8	22.7	76.5	24.7
2005	7	17	84.4	29.1	73.3	22.9	77.9	25.5
2005	7	18	87.2	30.7	73.9	23.3	80.0	26.7
2005	7	19	88.5	31.4	69.4	20.8	77.6	25.3
2005	7	20	86.0	30.0	67.2	19.6	75.7	24.3
2005	7	21	87.6	30.9	62.2	16.8	74.4	23.6
2005	7	22	85.9	29.9	66.4	19.1	75.1	23.9
2005	7	23	82.1	27.8	64.6	18.1	73.0	22.8
2005	7	24	82.8	28.2	55.3	12.9	70.5	21.4
2005	7	25	89.7	32.1	66.1	18.9	76.1	24.5
2005	7	26	91.0	32.8	63.3	17.4	77.1	25.1
2005	7	27	87.9	31.1	67.7	19.8	74.5	23.6
2005	7	28	78.7	25.9	58.1	14.5	68.3	20.2
2005	7	29	81.8	27.7	56.7	13.7	69.0	20.6
2005	7	30	85.2	29.6	59.9	15.5	73.1	22.8
2005	7	31	85.3	29.6	63.0	17.2	74.1	23.4
2005	8	1	86.7	30.4	64.8	18.2	75.8	24.3
2005	8	2	91.3	32.9	66.9	19.4	77.7	25.4
2005	8	3	92.7	33.7	64.5	18.1	78.5	25.8
2005	8	4	94.3	34.6	66.7	19.3	80.3	26.8
2005	8	5	86.0	30.0	68.5	20.3	74.5	23.6
2005	8	6	81.8	27.7	59.4	15.2	70.6	21.4
2005	8	7	84.4	29.1	62.7	17.1	71.9	22.1
2005	8	8	77.9	25.5	67.8	19.9	71.6	22.0
2005	8	9	80.9	27.2	65.6	18.7	72.2	22.4
2005	8	10	87.6	30.9	64.4	18.0	75.2	24.0
2005	8	11	90.2	32.3	68.3	20.2	78.3	25.7
2005	8	12	91.9	33.3	67.6	19.8	77.4	25.2
2005	8	13	95.8	35.4	69.3	20.7	80.8	27.1
2005	8	14	93.7	34.3	70.2	21.2	79.8	26.6
2005	8	15	81.0	27.2	67.7	19.8	73.6	23.1
2005	8	16	72.4	22.4	66.7	19.3	69.9	21.0
2005	8	17	82.9	28.3	66.1	18.9	73.7	23.2
2005	8	18	84.0	28.9	56.4	13.6	71.3	21.8
2005	8	19	72.6	22.6	65.1	18.4	69.3	20.7
2005	8	20	84.5	29.2	68.3	20.2	75.1	23.9
2005	8	21	88.7	31.5	69.8	21.0	79.0	26.1

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2005	8	22	79.5	26.4	59.8	15.4	69.9	21.1
2005	8	23	75.7	24.3	53.5	11.9	65.5	18.6
2005	8	24	76.1	24.5	54.3	12.4	66.5	19.2
2005	8	25	81.0	27.2	50.5	10.3	65.6	18.7
2005	8	26	79.7	26.5	56.1	13.4	67.5	19.7
2005	8	27	76.6	24.8	56.0	13.3	67.6	19.8
2005	8	28	78.5	25.8	66.1	18.9	70.3	21.3
2005	8	29	81.1	27.3	62.8	17.1	71.4	21.9
2005	8	30	77.9	25.5	71.9	22.2	74.7	23.7
2005	8	31	80.6	27.0	66.3	19.1	75.2	24.0
2005	9	1	79.6	26.4	62.1	16.7	69.9	21.1
2005	9	2	84.2	29.0	56.1	13.4	70.2	21.2
2005	9	3	76.2	24.6	55.1	12.8	66.6	19.2
2005	9	4	76.2	24.6	52.7	11.5	63.9	17.7
2005	9	5	80.0	26.7	52.4	11.3	65.3	18.5
2005	9	6	82.1	27.8	53.3	11.8	66.7	19.3
2005	9	7	83.1	28.4	53.3	11.8	67.5	19.7
2005	9	8	80.1	26.7	52.8	11.6	65.8	18.8
2005	9	9	79.2	26.2	58.2	14.6	67.0	19.4
2005	9	10	79.2	26.2	52.2	11.2	65.2	18.5
2005	9	11	80.8	27.1	46.0	7.8	62.8	17.1
2005	9	12	87.1	30.6	49.4	9.7	67.3	19.6
2005	9	13	89.9	32.2	57.7	14.3	72.6	22.5
2005	9	14	86.1	30.1	56.2	13.4	69.9	21.0
2005	9	15	88.9	31.6	68.3	20.2	77.4	25.2
2005	9	16	85.9	29.9	69.7	20.9	76.8	24.9
2005	9	17	77.8	25.4	63.1	17.3	71.0	21.7
2005	9	18	78.5	25.8	56.3	13.5	66.2	19.0
2005	9	19	82.2	27.9	54.7	12.6	67.3	19.6
2005	9	20	78.9	26.1	61.4	16.3	71.5	21.9
2005	9	21	80.9	27.2	52.4	11.3	66.6	19.2
2005	9	22	85.2	29.6	50.9	10.5	68.9	20.5
2005	9	23	79.6	26.4	61.4	16.3	69.9	21.1
2005	9	24	73.9	23.3	48.8	9.3	62.8	17.1
2005	9	25	70.4	21.3	62.6	17.0	66.5	19.2
2005	9	26	71.9	22.2	68.2	20.1	69.4	20.8
2005	9	27	69.0	20.6	50.5	10.3	63.0	17.2
2005	9	28	73.2	22.9	41.7	5.4	58.3	14.6
2005	9	29	67.4	19.7	46.9	8.3	61.4	16.4
2005	9	30	65.3	18.5	39.6	4.2	51.3	10.7
2005	10	1	74.3	23.5	41.3	5.2	56.1	13.4
2005	10	2	80.3	26.8	47.3	8.5	61.3	16.3
2005	10	3	80.7	27.1	49.9	9.9	63.6	17.5
2005	10	4	74.5	23.6	50.1	10.1	60.3	15.7
2005	10	5	79.7	26.5	56.6	13.7	66.6	19.2
2005	10	6	74.2	23.4	54.3	12.4	64.7	18.2
2005	10	7	71.8	22.1	67.5	19.7	69.6	20.9
2005	10	8	67.4	19.7	49.6	9.8	56.0	13.3

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2005	10	9	55.3	12.9	48.8	9.3	51.8	11.0
2005	10	10	61.1	16.2	51.0	10.6	55.6	13.1
2005	10	11	62.0	16.7	58.3	14.6	59.7	15.4
2005	10	12	58.1	14.5	51.3	10.7	54.9	12.7
2005	10	13	57.8	14.3	50.9	10.5	54.5	12.5
2005	10	14	62.0	16.7	56.3	13.5	58.7	14.9
2005	10	15	68.4	20.2	51.7	10.9	59.8	15.4
2005	10	16	58.9	14.9	49.3	9.6	54.5	12.5
2005	10	17	60.8	16.0	45.6	7.6	53.0	11.6
2005	10	18	68.1	20.1	45.0	7.2	55.5	13.1
2005	10	19	72.4	22.4	39.3	4.1	56.1	13.4
2005	10	20	56.0	13.3	41.7	5.4	48.7	9.3
2005	10	21	52.9	11.6	45.3	7.4	48.8	9.3
2005	10	22	50.2	10.1	43.6	6.4	46.0	7.8
2005	10	23	52.4	11.3	41.4	5.2	46.9	8.3
2005	10	24	46.3	7.9	35.9	2.2	41.0	5.0
2005	10	25	43.0	6.1	38.0	3.3	39.5	4.1
2005	10	29	49.3	9.6	35.0	1.7	41.6	5.4
2005	10	30	61.8	16.6	36.4	2.4	47.1	8.4
2005	10	31	65.5	18.6	31.3	-0.4	46.0	7.8
2005	11	1	66.7	19.3	34.5	1.4	50.0	10.0
2005	11	2	55.1	12.8	36.5	2.5	46.9	8.3
2005	11	3	64.8	18.2	31.3	-0.4	47.3	8.5
2005	11	4	72.9	22.7	36.5	2.5	53.8	12.1
2005	11	5	71.3	21.8	44.7	7.1	56.3	13.5
2005	11	6	72.4	22.4	47.4	8.6	57.8	14.3
2005	11	7	58.6	14.8	44.0	6.7	51.8	11.0
2005	11	8	60.2	15.7	35.6	2.0	46.5	8.1
2005	11	9	58.9	14.9	39.0	3.9	48.6	9.2
2005	11	10	56.2	13.4	41.5	5.3	47.6	8.7
2005	11	11	45.0	7.2	30.9	-0.6	40.7	4.8
2005	11	12	58.1	14.5	27.1	-2.7	39.9	4.4
2005	11	13	63.2	17.3	32.9	0.5	48.5	9.2
2005	11	14	60.3	15.7	42.0	5.6	53.3	11.8
2005	11	15	64.8	18.2	43.2	6.2	51.6	10.9
2005	11	16	67.1	19.5	42.4	5.8	58.3	14.6
2005	11	17	40.8	4.9	30.0	-1.1	36.0	2.2
2005	11	18	35.3	1.8	27.5	-2.5	30.0	-1.1
2005	11	19	45.3	7.4	23.5	-4.7	33.2	0.7
2005	11	20	54.5	12.5	25.3	-3.7	36.8	2.7
2005	11	21	45.1	7.3	27.8	-2.3	36.2	2.3
2005	11	22	43.5	6.4	30.9	-0.6	38.6	3.7
2005	11	23	31.5	-0.3	23.8	-4.6	28.2	-2.1
2005	11	24	39.2	4.0	18.9	-7.3	30.9	-0.6
2005	11	25	30.1	-1.1	16.6	-8.6	22.2	-5.5
2005	11	26	36.9	2.7	16.8	-8.4	28.1	-2.2
2005	11	27	48.9	9.4	29.6	-1.3	39.8	4.3
2005	11	28	63.5	17.5	43.6	6.4	55.1	12.8

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2005	11	29	67.5	19.7	50.0	10.0	62.1	16.7
2005	11	30	49.4	9.7	39.5	4.2	43.5	6.4
2005	12	1	39.3	4.1	31.9	-0.1	36.1	2.3
2005	12	2	34.8	1.6	27.1	-2.7	32.3	0.2
2005	12	3	30.5	-0.8	25.1	-3.8	27.4	-2.6
2005	12	4	32.2	0.1	24.6	-4.1	28.1	-2.2
2005	12	5	32.1	0.1	23.4	-4.8	27.5	-2.5
2005	12	6	31.6	-0.2	23.7	-4.6	27.2	-2.7
2005	12	7	28.2	-2.1	18.6	-7.4	23.6	-4.7
2005	12	8	27.7	-2.4	11.3	-11.5	21.2	-6.0
2005	12	9	32.7	0.4	22.3	-5.4	27.3	-2.6
2005	12	10	30.5	-0.8	19.4	-7.0	26.0	-3.3
2005	12	11	29.7	-1.3	11.1	-11.6	21.5	-5.9
2005	12	12	31.7	-0.2	19.9	-6.7	28.5	-1.9
2005	12	13	21.7	-5.7	2.7	-16.3	12.5	-10.8
2005	12	14	18.6	-7.4	-3.1	-19.5	8.5	-13.1
2005	12	15	34.6	1.4	6.6	-14.1	18.6	-7.5
2005	12	16	42.1	5.6	31.1	-0.5	36.0	2.2
2005	12	17	33.3	0.7	22.0	-5.6	28.7	-1.8
2005	12	18	34.4	1.3	17.2	-8.2	24.5	-4.1
2005	12	19	28.0	-2.2	18.7	-7.4	23.7	-4.6
2005	12	20	24.9	-3.9	14.1	-9.9	19.6	-6.9
2005	12	21	28.0	-2.2	14.5	-9.7	22.6	-5.2
2005	12	22	34.2	1.2	26.3	-3.2	29.4	-1.5
2005	12	23	44.0	6.7	27.9	-2.3	34.9	1.6
2005	12	24	50.5	10.3	26.4	-3.1	34.3	1.3
2005	12	25	44.5	6.9	26.0	-3.3	34.3	1.3
2005	12	26	39.6	4.2	34.8	1.6	36.7	2.6
2005	12	27	42.0	5.6	30.5	-0.8	37.4	3.0
2005	12	28	45.4	7.4	26.9	-2.8	35.5	2.0
2005	12	29	45.0	7.2	40.3	4.6	42.8	6.0
2005	12	30	42.8	6.0	31.2	-0.4	37.0	2.8
2005	12	31	34.5	1.4	29.2	-1.6	31.6	-0.3
2006	1	1	36.9	2.7	32.0	0.0	33.9	1.0
2006	1	2	39.2	4.0	31.3	-0.4	34.8	1.6
2006	1	3	39.3	4.1	34.7	1.5	37.0	2.8
2006	1	4	39.5	4.2	31.7	-0.2	36.2	2.3
2006	1	5	43.1	6.2	36.1	2.3	39.1	3.9
2006	1	6	38.2	3.4	24.6	-4.1	32.9	0.5
2006	1	7	30.0	-1.1	22.0	-5.6	26.3	-3.2
2006	1	8	39.9	4.4	29.8	-1.2	34.9	1.6
2006	1	9	54.8	12.7	31.7	-0.2	42.7	6.0
2006	1	10	45.6	7.6	31.3	-0.4	39.6	4.2
2006	1	11	48.2	9.0	33.4	0.8	43.1	6.1
2006	1	12	53.3	11.8	34.9	1.6	43.8	6.6
2006	1	13	58.4	14.7	30.2	-1.0	41.6	5.3
2006	1	14	59.5	15.3	29.4	-1.4	46.6	8.1
2006	1	15	28.3	-2.1	16.0	-8.9	22.0	-5.5

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2006	1	16	28.7	-1.8	12.9	-10.6	19.1	-7.2
2006	1	17	41.1	5.1	17.3	-8.2	27.9	-2.3
2006	1	18	59.6	15.3	33.6	0.9	43.5	6.4
2006	1	19	40.6	4.8	27.7	-2.4	33.5	0.8
2006	1	20	56.1	13.4	28.1	-2.2	40.1	4.5
2006	1	21	56.5	13.6	36.7	2.6	44.9	7.2
2006	1	22	39.0	3.9	25.9	-3.4	33.8	1.0
2006	1	23	37.8	3.2	31.0	-0.6	34.2	1.2
2006	1	24	42.2	5.7	25.3	-3.7	33.6	0.9
2006	1	25	36.2	2.3	31.0	-0.6	34.0	1.1
2006	1	26	31.2	-0.4	22.9	-5.1	26.9	-2.9
2006	1	27	37.7	3.2	12.4	-10.9	24.2	-4.3
2006	1	28	53.3	11.8	25.2	-3.8	35.4	1.9
2006	1	29	45.4	7.4	30.0	-1.1	36.9	2.7
2006	1	30	55.4	13.0	32.2	0.1	41.7	5.4
2006	1	31	48.3	9.1	36.9	2.7	41.9	5.5
2006	2	1	37.6	3.1	33.9	1.1	35.5	2.0
2006	2	2	48.0	8.9	30.9	-0.6	39.4	4.1
2006	2	3	51.5	10.8	42.0	5.6	47.5	8.6
2006	2	4	51.7	10.9	32.0	0.0	41.7	5.4
2006	2	5	45.5	7.5	33.0	0.6	38.6	3.6
2006	2	6	34.7	1.5	28.2	-2.1	32.0	0.0
2006	2	7	34.7	1.5	30.4	-0.9	32.2	0.1
2006	2	8	31.0	-0.6	23.7	-4.6	27.7	-2.4
2006	2	9	30.4	-0.9	19.4	-7.0	25.0	-3.9
2006	2	10	32.2	0.1	23.7	-4.6	27.4	-2.6
2006	2	11	37.6	3.1	24.1	-4.4	30.2	-1.0
2006	2	12	29.4	-1.4	22.9	-5.1	26.7	-3.0
2006	2	13	32.2	0.1	14.4	-9.8	24.5	-4.2
2006	2	14	42.0	5.6	26.1	-3.3	33.1	0.6
2006	2	15	56.4	13.6	24.9	-3.9	39.3	4.1
2006	2	16	63.6	17.6	30.9	-0.6	46.0	7.8
2006	2	17	55.0	12.8	29.9	-1.2	45.4	7.5
2006	2	18	28.6	-1.9	12.4	-10.9	22.1	-5.5
2006	2	19	25.8	-3.4	9.9	-12.3	16.7	-8.5
2006	2	20	32.9	0.5	18.6	-7.4	24.8	-4.0
2006	2	21	37.6	3.1	21.7	-5.7	28.8	-1.8
2006	2	22	44.7	7.1	20.3	-6.5	31.7	-0.2
2006	2	23	44.9	7.2	31.8	-0.1	36.3	2.4
2006	2	24	35.5	1.9	24.1	-4.4	30.9	-0.6
2006	2	25	48.3	9.1	22.0	-5.6	32.8	0.4
2006	2	26	27.4	-2.6	17.6	-8.0	20.7	-6.3
2006	2	27	27.9	-2.3	14.1	-9.9	20.2	-6.6
2006	2	28	32.4	0.2	16.5	-8.6	24.2	-4.4
2006	3	1	40.3	4.6	25.3	-3.7	30.5	-0.8
2006	3	2	31.2	-0.4	21.7	-5.7	26.9	-2.8
2006	3	3	29.8	-1.2	22.2	-5.4	25.5	-3.6
2006	3	4	39.2	4.0	23.7	-4.6	30.4	-0.9

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2006	3	5	44.5	6.9	27.1	-2.7	35.5	1.9
2006	3	6	40.4	4.7	28.8	-1.8	34.2	1.2
2006	3	7	39.7	4.3	20.1	-6.6	30.8	-0.7
2006	3	8	46.1	7.8	19.3	-7.1	33.9	1.0
2006	3	9	55.8	13.2	39.8	4.3	46.7	8.2
2006	3	10	68.0	20.0	49.5	9.7	59.5	15.3
2006	3	11	60.6	15.9	37.6	3.1	51.5	10.9
2006	3	12	55.6	13.1	49.0	9.4	51.9	11.1
2006	3	13	74.1	23.4	49.0	9.4	59.3	15.2
2006	3	14	58.1	14.5	36.4	2.4	47.1	8.4
2006	3	15	40.3	4.6	32.2	0.1	36.1	2.3
2006	3	16	46.4	8.0	31.7	-0.2	38.1	3.4
2006	3	17	41.4	5.2	28.2	-2.1	34.0	1.1
2006	3	18	37.4	3.0	24.6	-4.1	31.1	-0.5
2006	3	19	38.5	3.6	26.9	-2.8	32.5	0.3
2006	3	20	35.2	1.8	24.9	-3.9	31.4	-0.3
2006	3	21	39.8	4.3	20.2	-6.6	29.9	-1.2
2006	3	22	38.5	3.6	27.8	-2.3	33.4	0.8
2006	3	23	43.8	6.6	31.5	-0.3	36.6	2.5
2006	3	24	40.1	4.5	24.0	-4.4	32.8	0.5
2006	3	25	42.8	6.0	32.3	0.2	36.2	2.3
2006	3	26	45.3	7.4	33.1	0.6	39.0	3.9
2006	3	27	54.2	12.3	30.9	-0.6	43.2	6.2
2006	3	28	55.0	12.8	30.6	-0.8	43.7	6.5
2006	3	29	61.5	16.4	33.0	0.6	48.1	9.0
2006	3	30	64.6	18.1	31.6	-0.2	49.7	9.8
2006	3	31	74.7	23.7	36.7	2.6	57.1	14.0
2006	4	1	65.3	18.5	54.0	12.2	59.4	15.2
2006	4	2	61.9	16.6	42.6	5.9	51.6	10.9
2006	4	3	55.5	13.1	41.4	5.2	49.2	9.5
2006	4	4	48.0	8.9	39.6	4.2	44.3	6.8
2006	4	5	41.0	5.0	28.8	-1.8	36.4	2.4
2006	4	6	52.2	11.2	37.7	3.2	42.9	6.1
2006	4	7	54.6	12.6	33.3	0.7	44.9	7.2
2006	4	8	53.5	11.9	34.3	1.3	40.5	4.7
2006	4	9	52.9	11.6	25.5	-3.6	40.4	4.6
2006	4	10	59.9	15.5	29.0	-1.7	44.6	7.0
2006	4	11	72.0	22.2	36.8	2.7	55.9	13.3
2006	4	12	68.9	20.5	50.9	10.5	61.1	16.2
2006	4	13	69.4	20.8	48.8	9.3	59.5	15.3
2006	4	14	57.2	14.0	44.1	6.7	50.9	10.5
2006	4	15	76.1	24.5	48.5	9.2	61.3	16.3
2006	4	16	64.3	17.9	47.6	8.7	54.3	12.4
2006	4	17	61.2	16.2	34.9	1.6	50.0	10.0
2006	4	18	68.9	20.5	48.3	9.1	57.5	14.2
2006	4	19	72.1	22.3	41.2	5.1	58.6	14.8
2006	4	20	80.3	26.8	40.5	4.7	61.6	16.4
2006	4	21	65.6	18.7	49.1	9.5	56.5	13.6

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

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Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2006	4	22	46.8	8.2	41.8	5.4	43.9	6.6
2006	4	23	61.5	16.4	42.6	5.9	50.0	10.0
2006	4	24	62.6	17.0	45.5	7.5	54.3	12.4
2006	4	25	68.8	20.4	42.3	5.7	52.8	11.5
2006	4	26	57.9	14.4	31.4	-0.3	45.5	7.5
2006	4	27	67.1	19.5	34.7	1.5	52.0	11.1
2006	4	28	61.0	16.1	36.0	2.2	50.8	10.4
2006	4	29	65.7	18.7	34.4	1.3	51.1	10.6
2006	4	30	72.2	22.3	35.5	1.9	55.0	12.8
2006	5	1	72.1	22.3	39.2	4.0	57.6	14.2
2006	5	2	73.6	23.1	39.3	4.1	57.7	14.3
2006	5	3	70.5	21.4	44.8	7.1	58.5	14.7
2006	5	4	80.0	26.7	43.2	6.2	63.3	17.4
2006	5	5	73.7	23.2	59.0	15.0	66.0	18.9
2006	5	6	68.6	20.3	48.4	9.1	57.1	13.9
2006	5	7	65.7	18.7	35.9	2.2	52.3	11.3
2006	5	8	67.3	19.6	47.8	8.8	57.6	14.2
2006	5	9	70.2	21.2	46.7	8.2	58.8	14.9
2006	5	10	76.5	24.7	47.3	8.5	63.7	17.6
2006	5	11	62.5	16.9	57.2	14.0	59.6	15.3
2006	5	12	69.6	20.9	51.2	10.7	59.6	15.3
2006	5	13	68.3	20.2	48.2	9.0	57.3	14.0
2006	5	14	65.1	18.4	51.8	11.0	57.1	14.0
2006	5	15	57.2	14.0	48.8	9.3	52.6	11.4
2006	5	16	59.4	15.2	49.8	9.9	54.2	12.3
2006	5	17	67.3	19.6	51.7	10.9	58.4	14.7
2006	5	18	66.5	19.2	46.5	8.1	55.3	13.0
2006	5	19	56.2	13.4	45.7	7.6	49.7	9.8
2006	5	20	60.7	15.9	46.0	7.8	54.7	12.6
2006	5	21	60.0	15.6	39.5	4.2	50.3	10.2
2006	5	22	55.2	12.9	45.9	7.7	49.4	9.7
2006	5	23	63.9	17.7	40.5	4.7	53.2	11.8
2006	5	26	73.5	23.1	51.3	10.7	62.3	16.8
2006	5	27	76.1	24.5	60.4	15.8	67.6	19.8
2006	5	28	82.6	28.1	52.7	11.5	66.4	19.1
2006	5	29	90.1	32.3	54.0	12.2	72.4	22.4
2006	5	30	92.6	33.7	64.3	17.9	77.2	25.1
2006	5	31	87.8	31.0	63.0	17.2	74.4	23.6
2006	6	1	83.8	28.8	66.5	19.2	75.2	24.0
2006	6	2	72.3	22.4	63.8	17.7	68.2	20.1
2006	6	3	63.8	17.7	58.1	14.5	61.4	16.3
2006	6	4	62.1	16.7	56.2	13.4	59.0	15.0
2006	6	5	71.5	21.9	54.2	12.3	61.9	16.6
2006	6	6	74.2	23.4	51.4	10.8	64.2	17.9
2006	6	7	65.6	18.7	54.4	12.4	59.7	15.4
2006	6	8	67.4	19.7	55.3	12.9	60.4	15.8
2006	6	9	68.5	20.3	55.3	12.9	60.5	15.8
2006	6	10	64.9	18.3	53.2	11.8	57.9	14.4

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

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Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2006	6	11	70.2	21.2	47.5	8.6	58.6	14.8
2006	6	12	64.3	17.9	47.8	8.8	57.9	14.4
2006	6	13	77.6	25.3	52.5	11.4	65.3	18.5
2006	6	14	73.2	22.9	57.6	14.2	63.2	17.3
2006	6	15	75.9	24.4	53.7	12.1	65.4	18.6
2006	6	16	80.5	26.9	47.7	8.7	64.9	18.3
2006	6	17	85.4	29.7	53.2	11.8	69.9	21.0
2006	6	18	89.7	32.1	58.9	14.9	75.7	24.3
2006	6	19	86.4	30.2	65.0	18.3	73.1	22.8
2006	6	20	80.9	27.2	64.9	18.3	71.1	21.7
2006	6	21	80.2	26.8	57.8	14.3	69.8	21.0
2006	6	22	85.5	29.7	64.6	18.1	74.0	23.3
2006	6	23	73.3	22.9	65.2	18.4	68.2	20.1
2006	6	24	77.5	25.3	65.7	18.7	70.6	21.4
2006	6	25	71.3	21.8	66.4	19.1	68.8	20.4
2006	6	26	80.1	26.7	67.2	19.6	71.6	22.0
2006	6	27	79.5	26.4	67.5	19.7	72.1	22.3
2006	6	28	81.5	27.5	66.7	19.3	73.1	22.8
2006	6	29	80.8	27.1	59.5	15.3	70.7	21.5
2006	6	30	78.0	25.6	57.8	14.3	64.9	18.3
2006	7	1	81.4	27.4	54.2	12.3	67.6	19.8
2006	7	2	85.7	29.8	63.1	17.3	71.4	21.9
2006	7	3	84.2	29.0	66.5	19.2	74.4	23.5
2006	7	4	80.2	26.8	67.7	19.8	73.4	23.0
2006	7	5	79.7	26.5	68.1	20.1	72.3	22.4
2006	7	6	73.6	23.1	58.9	14.9	66.9	19.4
2006	7	7	78.0	25.6	53.0	11.7	65.3	18.5
2006	7	8	78.3	25.7	56.9	13.8	68.1	20.0
2006	7	9	80.8	27.1	59.5	15.3	70.1	21.2
2006	7	10	81.7	27.6	58.9	14.9	71.4	21.9
2006	7	11	85.4	29.7	68.1	20.1	78.1	25.6
2006	7	12	81.0	27.2	70.4	21.3	74.3	23.5
2006	7	13	81.1	27.3	67.3	19.6	74.1	23.4
2006	7	14	87.1	30.6	63.0	17.2	74.7	23.7
2006	7	15	82.7	28.2	66.9	19.4	72.9	22.7
2006	7	16	90.5	32.5	66.7	19.3	77.1	25.1
2006	7	17	92.4	33.6	67.2	19.6	78.9	26.1
2006	7	18	90.2	32.3	68.8	20.4	79.5	26.4
2006	7	19	86.9	30.5	68.3	20.2	77.4	25.2
2006	7	20	85.6	29.8	68.8	20.4	76.6	24.8
2006	7	21	86.4	30.2	70.4	21.3	75.4	24.1
2006	7	22	82.2	27.9	67.7	19.8	72.0	22.2
2006	7	23	76.6	24.8	63.0	17.2	69.5	20.8
2006	7	24	81.2	27.3	59.0	15.0	69.5	20.8
2006	7	25	84.8	29.3	60.9	16.1	73.6	23.1
2006	7	26	86.3	30.2	64.0	17.8	76.0	24.4
2006	7	27	87.6	30.9	68.6	20.3	75.3	24.0
2006	7	28	81.8	27.7	68.7	20.4	74.7	23.7

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2006	7	29	86.7	30.4	66.2	19.0	76.2	24.5
2006	7	30	86.4	30.2	70.4	21.3	78.1	25.6
2006	7	31	89.0	31.7	67.5	19.7	78.2	25.7
2006	8	1	93.6	34.2	72.1	22.3	82.6	28.1
2006	8	2	93.6	34.2	74.8	23.8	83.8	28.8
2006	8	3	93.3	34.1	72.5	22.5	80.0	26.6
2006	8	4	83.9	28.8	66.3	19.1	75.7	24.3
2006	8	5	81.6	27.6	60.0	15.6	70.9	21.6
2006	8	6	84.4	29.1	58.0	14.4	71.8	22.1
2006	8	7	85.0	29.4	68.2	20.1	76.3	24.6
2006	8	8	79.1	26.2	63.4	17.4	72.2	22.4
2006	8	9	79.8	26.6	51.8	11.0	66.0	18.9
2006	8	10	83.6	28.7	56.8	13.8	69.8	21.0
2006	8	11	75.0	23.9	61.2	16.2	67.9	19.9
2006	8	12	74.1	23.4	49.2	9.6	62.9	17.2
2006	8	13	77.9	25.5	46.3	7.9	62.5	16.9
2006	8	14	84.5	29.2	53.1	11.7	70.4	21.3
2006	8	15	81.9	27.7	63.4	17.4	73.6	23.1
2006	8	16	79.0	26.1	56.6	13.7	67.6	19.8
2006	8	17	82.8	28.2	56.2	13.4	68.7	20.4
2006	8	18	81.7	27.6	61.1	16.2	71.0	21.7
2006	8	19	77.5	25.3	62.8	17.1	70.6	21.4
2006	8	20	85.8	29.9	69.2	20.7	76.6	24.8
2006	8	21	79.4	26.3	63.8	17.7	70.7	21.5
2006	8	22	82.1	27.8	57.8	14.3	69.5	20.8
2006	8	23	79.6	26.4	57.9	14.4	68.0	20.0
2006	8	24	75.2	24.0	59.4	15.2	65.9	18.8
2006	8	25	76.5	24.7	59.9	15.5	66.7	19.3
2006	8	26	68.8	20.4	65.2	18.4	66.9	19.4
2006	8	27	70.2	21.2	65.8	18.8	67.3	19.6
2006	8	28	78.1	25.6	66.6	19.2	71.6	22.0
2006	8	29	73.4	23.0	67.0	19.4	69.7	21.0
2006	8	30	72.7	22.6	63.8	17.7	67.3	19.6
2006	8	31	70.0	21.1	58.3	14.6	64.1	17.8
2006	9	1	66.0	18.9	55.8	13.2	60.5	15.9
2006	9	2	64.1	17.8	54.1	12.3	59.4	15.2
2006	9	3	64.0	17.8	58.2	14.6	61.3	16.3
2006	9	4	71.1	21.7	57.1	13.9	63.1	17.3
2006	9	5	63.2	17.3	57.9	14.4	60.6	15.9
2006	9	6	70.6	21.4	57.2	14.0	63.1	17.3
2006	9	7	75.9	24.4	52.8	11.6	62.2	16.8
2006	9	8	79.4	26.3	53.6	12.0	65.2	18.4
2006	9	9	78.7	25.9	55.7	13.2	64.9	18.3
2006	9	10	65.2	18.4	57.8	14.3	61.0	16.1
2006	9	11	64.2	17.9	53.3	11.8	58.1	14.5
2006	9	12	66.9	19.4	49.8	9.9	58.9	15.0
2006	9	13	61.7	16.5	55.1	12.8	58.5	14.7
2006	9	14	63.6	17.6	59.5	15.3	61.5	16.4

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

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Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2006	9	15	66.8	19.3	60.2	15.7	63.0	17.2
2006	9	16	71.7	22.1	60.4	15.8	65.1	18.4
2006	9	17	75.1	23.9	57.5	14.2	63.2	17.3
2006	9	18	80.6	27.0	55.5	13.1	66.6	19.2
2006	9	19	73.8	23.2	55.7	13.2	65.9	18.9
2006	9	20	61.2	16.2	49.5	9.7	55.3	12.9
2006	9	21	63.4	17.4	43.1	6.2	52.4	11.3
2006	9	22	66.1	18.9	44.2	6.8	55.4	13.0
2006	9	23	72.0	22.2	59.3	15.2	64.6	18.1
2006	9	24	73.5	23.1	58.7	14.8	66.5	19.1
2006	9	25	67.8	19.9	52.5	11.4	60.0	15.5
2006	9	26	66.8	19.3	45.5	7.5	55.2	12.9
2006	9	27	70.6	21.4	45.1	7.3	57.7	14.3
2006	9	28	70.3	21.3	52.9	11.6	60.7	15.9
2006	9	29	58.9	14.9	46.8	8.2	53.3	11.8
2006	9	30	58.7	14.8	40.6	4.8	49.0	9.5
2006	10	1	65.2	18.4	51.5	10.8	57.3	14.1
2006	10	2	66.2	19.0	45.3	7.4	54.2	12.3
2006	10	3	76.9	24.9	47.8	8.8	60.6	15.9
2006	10	4	68.9	20.5	55.2	12.9	61.5	16.4
2006	10	5	62.6	17.0	47.8	8.8	53.8	12.1
2006	10	6	55.9	13.3	45.0	7.2	50.5	10.3
2006	10	7	60.7	15.9	41.0	5.0	48.8	9.3
2006	10	8	71.8	22.1	41.6	5.3	54.5	12.5
2006	10	9	75.8	24.3	46.7	8.2	59.1	15.1
2006	10	10	72.5	22.5	50.6	10.3	59.8	15.5
2006	10	11	62.1	16.7	55.4	13.0	60.3	15.7
2006	10	12	61.6	16.4	39.2	4.0	55.7	13.2
2006	10	13	51.2	10.7	30.0	-1.1	41.0	5.0
2006	10	14	53.1	11.7	30.5	-0.8	41.5	5.3
2006	10	15	52.8	11.6	29.1	-1.6	39.6	4.2
2006	10	16	59.6	15.3	31.2	-0.4	44.0	6.7
2006	10	17	61.4	16.3	44.0	6.7	53.7	12.1
2006	10	18	65.2	18.4	59.0	15.0	62.0	16.7
2006	10	19	70.3	21.3	53.2	11.8	61.4	16.3
2006	10	20	62.3	16.8	44.5	6.9	51.5	10.8
2006	10	21	55.2	12.9	40.4	4.7	46.8	8.2
2006	10	22	56.0	13.3	36.9	2.7	46.1	7.8
2006	10	23	46.6	8.1	40.8	4.9	44.0	6.7
2006	10	24	45.5	7.5	37.3	2.9	41.8	5.5
2006	10	25	47.7	8.7	39.9	4.4	43.9	6.6
2006	10	26	46.4	8.0	31.2	-0.4	41.3	5.2
2006	10	27	45.5	7.5	28.3	-2.1	37.6	3.1
2006	10	28	54.6	12.6	41.0	5.0	47.9	8.8
2006	10	29	47.4	8.6	38.8	3.8	43.3	6.3
2006	10	30	59.9	15.5	30.3	-0.9	44.2	6.8
2006	10	31	71.9	22.2	35.6	2.0	53.7	12.0
2006	11	2	48.0	8.9	38.6	3.7	43.9	6.6

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2006	11	3	40.3	4.6	29.9	-1.2	35.7	2.1
2006	11	4	42.3	5.7	26.6	-3.0	33.7	1.0
2006	11	5	49.4	9.7	31.5	-0.3	39.3	4.0
2006	11	6	55.6	13.1	29.7	-1.3	41.0	5.0
2006	11	7	53.7	12.1	33.1	0.6	43.6	6.4
2006	11	8	57.1	13.9	48.5	9.2	55.0	12.8
2006	11	9	64.2	17.9	51.9	11.1	57.8	14.3
2006	11	10	56.8	13.8	41.7	5.4	48.7	9.3
2006	11	11	68.3	20.2	41.8	5.4	55.6	13.1
2006	11	12	58.4	14.7	40.9	4.9	45.8	7.6
2006	11	13	47.5	8.6	41.2	5.1	44.2	6.8
2006	11	14	52.6	11.4	47.2	8.4	49.8	9.9
2006	11	15	63.4	17.4	49.4	9.7	55.3	12.9
2006	11	16	67.9	19.9	58.8	14.9	63.5	17.5
2006	11	17	63.8	17.7	42.0	5.6	51.5	10.9
2006	11	18	45.0	7.2	38.2	3.4	41.7	5.4
2006	11	19	42.4	5.8	33.4	0.8	39.1	4.0
2006	11	20	38.9	3.8	36.2	2.3	37.5	3.1
2006	11	21	42.7	5.9	29.4	-1.4	35.3	1.8
2006	11	22	41.4	5.2	27.9	-2.3	34.5	1.4
2006	11	23	43.0	6.1	35.3	1.8	39.4	4.1
2006	11	24	54.0	12.2	29.0	-1.7	38.2	3.4
2006	11	25	53.6	12.0	28.4	-2.0	38.4	3.5
2006	11	26	53.2	11.8	30.9	-0.6	40.5	4.7
2006	11	27	54.6	12.6	34.5	1.4	42.8	6.0
2006	11	28	57.9	14.4	36.3	2.4	46.1	7.8
2006	11	29	56.4	13.6	50.8	10.4	53.5	11.9
2006	11	30	64.9	18.3	51.7	10.9	58.9	15.0
2006	12	1	69.8	21.0	43.5	6.4	62.8	17.1
2006	12	2	42.4	5.8	32.1	0.1	38.6	3.6
2006	12	3	44.6	7.0	28.4	-2.0	34.5	1.4
2006	12	4	33.7	0.9	25.8	-3.4	30.5	-0.8
2006	12	5	33.2	0.7	25.3	-3.7	28.8	-1.8
2006	12	6	44.5	6.9	22.6	-5.2	34.8	1.6
2006	12	7	43.9	6.6	22.5	-5.3	36.0	2.2
2006	12	8	29.1	-1.6	16.3	-8.7	22.6	-5.3
2006	12	9	39.5	4.2	19.9	-6.7	28.5	-2.0
2006	12	10	52.2	11.2	28.7	-1.8	38.5	3.6
2006	12	11	50.7	10.4	29.9	-1.2	38.9	3.8
2006	12	12	51.7	10.9	38.1	3.4	44.6	7.0
2006	12	13	53.4	11.9	37.9	3.3	46.9	8.3
2006	12	14	57.9	14.4	33.1	0.6	43.1	6.1
2006	12	15	56.2	13.4	36.5	2.5	45.6	7.6
2006	12	16	47.0	8.3	32.7	0.4	42.4	5.8
2006	12	17	51.8	11.0	29.8	-1.2	39.7	4.3
2006	12	18	49.6	9.8	41.3	5.2	46.2	7.9
2006	12	19	38.7	3.7	28.4	-2.0	34.6	1.4
2006	12	20	43.2	6.2	23.8	-4.6	31.6	-0.3

Table 2.7-18— SSES Daily Average and Extreme Temperatures (2001-2006)

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Year	Month	Day	Max T (°F)	Max T (°C)	Min T (°F)	Min T (°C)	Aver T (°F)	Aver T (°C)
2006	12	21	47.3	8.5	27.7	-2.4	36.4	2.4
2006	12	22	47.6	8.7	30.7	-0.7	37.9	3.3
2006	12	23	52.5	11.4	45.8	7.7	48.9	9.4
2006	12	24	49.4	9.7	36.8	2.7	43.9	6.6
2006	12	25	43.0	6.1	27.6	-2.4	34.9	1.6
2006	12	26	45.8	7.7	39.7	4.3	42.3	5.7
2006	12	27	38.9	3.8	32.1	0.1	36.5	2.5
2006	12	28	43.4	6.3	29.0	-1.7	36.2	2.3
2006	12	29	42.1	5.6	30.2	-1.0	36.0	2.2
2006	12	30	47.9	8.8	36.2	2.3	41.1	5.0
2006	12	31	43.0	6.1	28.1	-2.2	36.4	2.5

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

(Page 1 of 47)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2001	1	1	13.8	-10.1	6.9	-13.9	10.5	-11.9
2001	1	2	10.4	-12.0	3.5	-15.8	7.6	-13.6
2001	1	3	12.1	-11.1	5.3	-14.8	9.7	-12.4
2001	1	4	17.2	-8.2	11.6	-11.3	14.6	-9.7
2001	1	5	23.2	-4.9	10.9	-11.7	17.5	-8.1
2001	1	6	24.3	-4.3	16.4	-8.7	21.3	-5.9
2001	1	7	24.0	-4.4	18.0	-7.8	20.8	-6.3
2001	1	8	29.5	-1.4	21.7	-5.7	24.7	-4.0
2001	1	9	24.1	-4.4	6.7	-14.1	12.6	-10.8
2001	1	10	19.1	-7.2	7.4	-13.7	15.2	-9.4
2001	1	11	22.5	-5.3	14.1	-9.9	18.4	-7.5
2001	1	12	21.8	-5.7	13.2	-10.4	19.1	-7.2
2001	1	13	20.5	-6.4	13.8	-10.1	17.6	-8.0
2001	1	14	23.8	-4.6	15.3	-9.3	19.7	-6.8
2001	1	15	31.9	-0.1	24.6	-4.1	29.5	-1.4
2001	1	16	31.9	-0.1	26.2	-3.2	28.7	-1.8
2001	1	17	26.5	-3.1	22.8	-5.1	24.7	-4.1
2001	1	18	27.5	-2.5	21.4	-5.9	24.5	-4.2
2001	1	19	32.1	0.1	28.0	-2.2	30.2	-1.0
2001	1	20	27.0	-2.8	20.6	-6.3	23.3	-4.9
2001	1	21	20.9	-6.2	8.6	-13.0	12.1	-11.1
2001	1	22	15.2	-9.3	2.4	-16.4	10.3	-12.0
2001	1	23	18.4	-7.6	1.9	-16.7	11.2	-11.5
2001	1	24	22.9	-5.1	13.1	-10.5	17.9	-7.9
2001	1	25	23.0	-5.0	6.4	-14.2	14.7	-9.6
2001	1	26	15.1	-9.4	7.7	-13.5	11.2	-11.5
2001	1	27	26.8	-2.9	14.6	-9.7	21.1	-6.1
2001	1	28	20.8	-6.2	11.2	-11.6	13.8	-10.1
2001	1	29	18.3	-7.6	7.8	-13.4	13.7	-10.2
2001	1	30	35.7	2.1	18.4	-7.6	28.3	-2.1
2001	1	31	34.6	1.4	26.6	-3.0	30.3	-0.9
2001	2	1	29.1	-1.6	26.0	-3.3	27.6	-2.5
2001	2	2	27.5	-2.5	5.8	-14.6	23.7	-4.6
2001	2	3	11.5	-11.4	3.7	-15.7	7.9	-13.4
2001	2	4	18.0	-7.8	11.1	-11.6	14.0	-10.0
2001	2	5	29.7	-1.3	16.3	-8.7	26.1	-3.3
2001	2	6	31.4	-0.3	25.0	-3.9	28.6	-1.9
2001	2	7	31.4	-0.3	17.6	-8.0	22.3	-5.4
2001	2	8	24.7	-4.1	18.3	-7.6	21.1	-6.1
2001	2	9	40.9	4.9	25.3	-3.7	32.4	0.2
2001	2	10	44.1	6.7	3.6	-15.8	22.2	-5.5
2001	2	11	4.2	-15.4	-3.1	-19.5	1.4	-17.0
2001	2	12	13.0	-10.6	-0.3	-17.9	3.7	-15.8
2001	2	13	25.2	-3.8	15.4	-9.2	22.9	-5.0
2001	2	14	39.2	4.0	24.1	-4.4	32.7	0.4
2001	2	15	39.0	3.9	21.2	-6.0	28.0	-2.2

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2001	2	16	32.4	0.2	24.2	-4.3	28.2	-2.1
2001	2	17	32.3	0.2	-0.7	-18.2	14.7	-9.6
2001	2	18	7.1	-13.8	-0.6	-18.1	3.4	-15.9
2001	2	19	18.3	-7.6	6.8	-14.0	10.9	-11.7
2001	2	20	33.2	0.7	19.5	-6.9	25.6	-3.6
2001	2	21	34.2	1.2	-3.2	-19.6	12.9	-10.6
2001	2	22	13.1	-10.5	-2.1	-18.9	5.9	-14.5
2001	2	23	23.3	-4.8	11.9	-11.2	15.6	-9.1
2001	2	24	10.9	-11.7	7.1	-13.8	9.4	-12.6
2001	2	25	42.8	6.0	10.2	-12.1	29.8	-1.2
2001	2	26	39.0	3.9	18.6	-7.4	24.9	-4.0
2001	2	27	25.4	-3.7	17.6	-8.0	21.6	-5.8
2001	2	28	20.4	-6.4	1.5	-16.9	7.3	-13.7
2001	3	1	20.6	-6.3	8.4	-13.1	11.2	-11.6
2001	3	2	31.2	-0.4	24.3	-4.3	27.4	-2.6
2001	3	3	31.0	-0.6	20.9	-6.2	28.0	-2.2
2001	3	4	28.0	-2.2	19.5	-6.9	24.1	-4.4
2001	3	5	25.4	-3.7	13.3	-10.4	21.7	-5.7
2001	3	6	21.7	-5.7	7.8	-13.4	16.5	-8.6
2001	3	7	22.6	-5.2	16.0	-8.9	19.3	-7.1
2001	3	8	23.7	-4.6	19.4	-7.0	21.4	-5.9
2001	3	9	30.2	-1.0	20.9	-6.2	26.1	-3.3
2001	3	10	22.3	-5.4	16.1	-8.8	18.1	-7.7
2001	3	11	28.0	-2.2	17.4	-8.1	20.7	-6.3
2001	3	12	19.8	-6.8	8.0	-13.3	13.7	-10.2
2001	3	13	38.1	3.4	27.3	-2.6	33.4	0.8
2001	3	14	34.5	1.4	20.5	-6.4	25.9	-3.4
2001	3	15	30.0	-1.1	22.6	-5.2	26.2	-3.2
2001	3	16	36.5	2.5	26.3	-3.2	30.8	-0.7
2001	3	17	36.3	2.4	28.4	-2.0	34.0	1.1
2001	3	18	27.0	-2.8	10.3	-12.1	17.6	-8.0
2001	3	19	18.5	-7.5	12.4	-10.9	14.7	-9.6
2001	3	20	22.8	-5.1	15.5	-9.2	19.5	-7.0
2001	3	21	33.9	1.1	21.9	-5.6	28.3	-2.0
2001	3	22	33.8	1.0	25.2	-3.8	30.2	-1.0
2001	3	23	26.6	-3.0	14.3	-9.8	21.5	-5.9
2001	3	24	31.2	-0.4	7.9	-13.4	21.1	-6.1
2001	3	25	16.5	-8.6	8.1	-13.3	12.6	-10.8
2001	3	26	20.7	-6.3	2.7	-16.3	12.5	-10.8
2001	3	27	13.5	-10.3	3.0	-16.1	8.8	-12.9
2001	3	28	20.1	-6.6	15.1	-9.4	16.9	-8.4
2001	3	29	32.4	0.2	18.8	-7.3	25.0	-3.9
2001	3	30	36.6	2.6	30.9	-0.6	34.1	1.2
2001	3	31	30.9	-0.6	28.8	-1.8	29.8	-1.3
2001	4	1	31.3	-0.4	28.0	-2.2	29.2	-1.6
2001	4	2	32.0	0.0	24.4	-4.2	27.8	-2.3

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

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Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2001	4	3	35.3	1.8	23.5	-4.7	27.9	-2.3
2001	4	4	33.2	0.7	18.0	-7.8	25.8	-3.4
2001	4	5	25.8	-3.4	15.9	-8.9	21.3	-5.9
2001	4	6	44.7	7.1	24.4	-4.2	37.1	2.8
2001	4	7	44.5	6.9	31.6	-0.2	41.1	5.1
2001	4	8	44.3	6.8	29.9	-1.2	38.5	3.6
2001	4	9	55.8	13.2	36.7	2.6	46.4	8.0
2001	4	13	48.1	8.9	23.8	-4.6	36.5	2.5
2001	4	14	29.2	-1.6	22.3	-5.4	26.2	-3.2
2001	4	15	43.2	6.2	25.0	-3.9	31.3	-0.4
2001	4	16	43.1	6.2	36.5	2.5	38.7	3.7
2001	4	17	34.8	1.6	21.9	-5.6	30.2	-1.0
2001	4	18	20.7	-6.3	13.0	-10.6	16.0	-8.9
2001	4	19	24.4	-4.2	13.1	-10.5	19.4	-7.0
2001	4	20	41.8	5.4	23.0	-5.0	29.9	-1.2
2001	4	21	49.1	9.5	40.3	4.6	43.8	6.6
2001	4	22	55.8	13.2	46.7	8.2	52.0	11.1
2001	4	23	54.8	12.7	46.7	8.2	51.5	10.8
2001	4	24	53.2	11.8	26.9	-2.8	44.9	7.2
2001	4	25	28.4	-2.0	20.4	-6.4	23.9	-4.5
2001	4	26	30.1	-1.1	20.3	-6.5	25.3	-3.7
2001	4	27	38.5	3.6	28.1	-2.2	32.9	0.5
2001	4	28	31.9	-0.1	9.4	-12.6	17.7	-7.9
2001	4	29	29.2	-1.6	16.6	-8.6	22.2	-5.4
2001	4	30	33.5	0.8	22.0	-5.6	27.9	-2.3
2001	5	1	41.0	5.0	33.1	0.6	35.9	2.1
2001	5	2	47.3	8.5	33.5	0.8	41.3	5.2
2001	5	3	53.5	11.9	46.1	7.8	48.7	9.3
2001	5	4	55.8	13.2	48.0	8.9	51.4	10.8
2001	5	5	57.1	13.9	19.2	-7.1	37.1	2.8
2001	5	6	33.3	0.7	27.3	-2.6	29.7	-1.3
2001	5	7	34.5	1.4	17.4	-8.1	28.3	-2.1
2001	5	8	40.2	4.6	35.8	2.1	38.1	3.4
2001	5	9	51.9	11.1	35.9	2.2	44.3	6.8
2001	5	10	47.4	8.6	36.7	2.6	42.8	6.0
2001	5	11	49.8	9.9	41.7	5.4	45.1	7.3
2001	5	12	55.3	12.9	39.7	4.3	50.2	10.1
2001	5	13	39.8	4.3	22.2	-5.4	28.8	-1.8
2001	5	14	42.0	5.6	27.6	-2.4	33.9	1.1
2001	5	15	40.8	4.9	21.9	-5.6	30.8	-0.7
2001	5	16	40.2	4.6	31.4	-0.3	36.6	2.6
2001	5	17	46.6	8.1	39.8	4.3	42.8	6.0
2001	5	18	52.3	11.3	46.2	7.9	49.6	9.8
2001	5	19	53.2	11.8	43.7	6.5	48.8	9.3
2001	5	20	49.0	9.4	41.5	5.3	46.8	8.2
2001	5	21	51.4	10.8	41.4	5.2	46.4	8.0

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

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Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2001	5	22	56.8	13.8	51.7	10.9	54.1	12.3
2001	5	23	52.0	11.1	46.8	8.2	48.7	9.3
2001	5	24	51.4	10.8	45.0	7.2	48.5	9.2
2001	5	25	51.8	11.0	47.2	8.4	49.8	9.9
2001	5	26	52.2	11.2	49.8	9.9	50.8	10.4
2001	5	27	53.6	12.0	50.4	10.2	51.8	11.0
2001	5	28	50.7	10.4	43.5	6.4	46.7	8.2
2001	5	29	52.9	11.6	42.6	5.9	47.4	8.6
2001	5	30	42.1	5.6	23.0	-5.0	31.5	-0.3
2001	5	31	38.2	3.4	28.1	-2.2	32.3	0.1
2001	6	1	48.2	9.0	32.4	0.2	40.5	4.7
2001	6	2	54.7	12.6	48.1	8.9	51.2	10.7
2001	6	3	52.9	11.6	42.5	5.8	48.1	9.0
2001	6	4	50.6	10.3	44.3	6.8	45.8	7.7
2001	6	5	51.9	11.1	45.0	7.2	47.1	8.4
2001	6	6	51.9	11.1	47.4	8.6	49.9	10.0
2001	6	7	50.3	10.2	42.8	6.0	45.5	7.5
2001	6	8	47.7	8.7	35.0	1.7	42.1	5.6
2001	6	9	47.9	8.8	37.2	2.9	42.6	5.9
2001	6	10	54.8	12.7	42.1	5.6	47.5	8.6
2001	6	11	60.2	15.7	51.1	10.6	54.3	12.4
2001	6	12	63.3	17.4	54.3	12.4	58.5	14.7
2001	6	13	66.3	19.1	61.1	16.2	62.8	17.1
2001	6	14	64.7	18.2	60.9	16.1	62.9	17.1
2001	6	15	64.7	18.2	62.3	16.8	63.5	17.5
2001	6	16	66.5	19.2	60.9	16.1	64.2	17.9
2001	6	17	60.2	15.7	49.8	9.9	55.3	12.9
2001	6	18	58.4	14.7	49.6	9.8	53.6	12.0
2001	6	19	59.0	15.0	54.3	12.4	56.8	13.8
2001	6	20	62.7	17.1	57.3	14.1	60.4	15.8
2001	6	21	62.5	16.9	58.8	14.9	60.9	16.1
2001	6	22	63.3	17.4	59.2	15.1	61.5	16.4
2001	6	23	64.2	17.9	51.1	10.6	59.4	15.2
2001	6	24	56.8	13.8	49.4	9.7	51.9	11.1
2001	6	25	58.1	14.5	50.5	10.3	53.4	11.9
2001	6	26	61.1	16.2	53.5	11.9	56.9	13.8
2001	6	27	64.6	18.1	55.0	12.8	59.5	15.3
2001	6	28	65.2	18.4	54.1	12.3	60.7	15.9
2001	6	29	66.7	19.3	60.7	15.9	63.2	17.3
2001	6	30	65.7	18.7	59.2	15.1	63.0	17.2
2001	7	1	65.5	18.6	41.6	5.3	61.3	16.3
2001	7	2	46.7	8.2	34.7	1.5	38.7	3.7
2001	7	3	54.8	12.7	41.6	5.3	48.1	9.0
2001	7	4	61.9	16.6	54.8	12.7	59.8	15.4
2001	7	5	61.1	16.2	51.1	10.6	57.3	14.1
2001	7	6	53.5	11.9	42.8	6.0	46.7	8.2

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

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Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2001	7	7	54.0	12.2	45.5	7.5	48.6	9.2
2001	7	8	65.3	18.5	54.9	12.7	61.1	16.2
2001	7	9	63.3	17.4	57.3	14.1	59.9	15.5
2001	7	10	62.6	17.0	55.9	13.3	59.6	15.3
2001	7	11	60.0	15.6	46.3	7.9	52.6	11.4
2001	7	12	51.1	10.6	46.5	8.1	49.1	9.5
2001	7	13	52.7	11.5	45.2	7.3	49.5	9.7
2001	7	14	51.8	11.0	49.2	9.6	50.5	10.3
2001	7	15	59.8	15.4	48.2	9.0	53.7	12.0
2001	7	16	59.5	15.3	52.8	11.6	56.0	13.3
2001	7	17	62.5	16.9	57.3	14.1	60.2	15.7
2001	7	18	61.9	16.6	58.4	14.7	60.0	15.6
2001	7	19	59.8	15.4	55.9	13.3	57.6	14.2
2001	7	20	57.6	14.2	43.8	6.6	51.7	11.0
2001	7	21	54.2	12.3	47.8	8.8	50.9	10.5
2001	7	22	54.4	12.4	46.2	7.9	51.4	10.8
2001	7	23	62.3	16.8	52.9	11.6	58.1	14.5
2001	7	24	66.6	19.2	60.3	15.7	62.2	16.8
2001	7	25	67.8	19.9	61.7	16.5	64.8	18.2
2001	7	26	66.0	18.9	45.2	7.3	56.6	13.7
2001	7	27	49.6	9.8	40.4	4.7	44.5	6.9
2001	7	28	52.0	11.1	45.3	7.4	48.9	9.4
2001	7	29	52.6	11.4	49.8	9.9	51.3	10.7
2001	7	30	56.3	13.5	52.1	11.2	54.1	12.3
2001	7	31	57.1	13.9	53.5	11.9	55.2	12.9
2001	8	1	60.8	16.0	52.2	11.2	55.3	13.0
2001	8	2	59.4	15.2	51.3	10.7	55.0	12.8
2001	8	3	67.5	19.7	51.7	10.9	60.7	16.0
2001	8	4	66.6	19.2	61.4	16.3	63.9	17.7
2001	8	5	65.3	18.5	59.4	15.2	62.2	16.8
2001	8	6	67.2	19.6	60.5	15.8	63.2	17.4
2001	8	7	67.1	19.5	61.0	16.1	63.6	17.6
2001	8	8	67.9	19.9	59.8	15.4	64.3	17.9
2001	8	9	67.9	19.9	59.2	15.1	63.6	17.6
2001	8	10	68.2	20.1	64.9	18.3	66.5	19.2
2001	8	11	64.4	18.0	54.1	12.3	57.6	14.2
2001	8	12	67.1	19.5	59.7	15.4	63.7	17.6
2001	8	13	65.0	18.3	58.3	14.6	62.9	17.2
2001	8	14	60.2	15.7	54.9	12.7	57.3	14.0
2001	8	15	58.7	14.8	52.0	11.1	55.4	13.0
2001	8	16	62.2	16.8	55.4	13.0	58.2	14.6
2001	8	17	64.8	18.2	51.8	11.0	58.3	14.6
2001	8	18	58.1	14.5	51.3	10.7	54.8	12.6
2001	8	19	61.8	16.6	53.8	12.1	57.4	14.1
2001	8	20	62.0	16.7	53.5	11.9	58.2	14.6
2001	8	21	56.8	13.8	52.1	11.2	54.7	12.6

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

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Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2001	8	22	54.9	12.7	49.8	9.9	52.2	11.2
2001	8	23	59.0	15.0	51.6	10.9	55.5	13.1
2001	8	24	59.8	15.4	52.6	11.4	55.6	13.1
2001	8	25	57.9	14.4	47.3	8.5	53.2	11.8
2001	8	26	60.2	15.7	49.1	9.5	55.0	12.8
2001	8	27	64.1	17.8	57.7	14.3	61.7	16.5
2001	8	28	59.9	15.5	56.2	13.4	58.2	14.5
2001	8	29	58.3	14.6	49.8	9.9	54.6	12.6
2001	8	30	62.1	16.7	50.2	10.1	56.3	13.5
2001	8	31	64.3	17.9	60.2	15.7	62.1	16.7
2001	9	1	62.4	16.9	44.4	6.9	50.8	10.5
2001	9	2	49.3	9.6	40.3	4.6	44.0	6.7
2001	9	3	55.5	13.1	42.7	5.9	49.8	9.9
2001	9	4	62.1	16.7	53.2	11.8	58.1	14.5
2001	9	5	52.0	11.1	43.2	6.2	46.7	8.2
2001	9	6	48.4	9.1	37.2	2.9	43.7	6.5
2001	9	7	59.0	15.0	42.8	6.0	51.3	10.7
2001	9	8	61.1	16.2	51.0	10.6	55.9	13.3
2001	9	9	60.6	15.9	52.6	11.4	56.6	13.6
2001	9	10	64.6	18.1	52.9	11.6	58.9	14.9
2001	9	11	53.1	11.7	45.2	7.3	49.4	9.7
2001	9	12	50.5	10.3	44.0	6.7	47.2	8.4
2001	9	13	54.8	12.7	43.9	6.6	49.8	9.9
2001	9	14	48.0	8.9	35.2	1.8	40.4	4.7
2001	9	15	43.3	6.3	35.1	1.7	38.5	3.6
2001	9	16	47.0	8.3	36.2	2.3	41.3	5.2
2001	9	17	48.8	9.3	39.7	4.3	44.4	6.9
2001	9	18	52.0	11.1	42.3	5.7	47.5	8.6
2001	9	19	51.8	11.0	46.8	8.2	49.0	9.5
2001	9	20	58.1	14.5	51.5	10.8	55.6	13.1
2001	9	21	56.8	13.8	49.8	9.9	53.5	11.9
2001	9	22	55.6	13.1	48.8	9.3	51.3	10.7
2001	9	23	52.3	11.3	45.0	7.2	48.7	9.3
2001	9	24	60.7	15.9	47.7	8.7	55.1	12.8
2001	9	25	54.1	12.3	36.5	2.5	47.6	8.6
2001	9	26	41.3	5.2	34.5	1.4	36.5	2.5
2001	9	27	42.7	5.9	37.8	3.2	39.8	4.4
2001	9	28	42.5	5.8	38.3	3.5	39.5	4.2
2001	9	29	43.1	6.2	36.0	2.2	39.7	4.3
2001	9	30	40.7	4.8	32.3	0.2	36.0	2.2
2001	10	1	44.2	6.8	36.7	2.6	40.0	4.4
2001	10	2	51.5	10.8	37.6	3.1	45.3	7.4
2001	10	3	51.9	11.1	42.6	5.9	48.7	9.3
2001	10	4	49.6	9.8	43.0	6.1	47.1	8.4
2001	10	5	48.4	9.1	41.9	5.5	45.6	7.6
2001	10	6	52.1	11.2	25.4	-3.7	38.3	3.5

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

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Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2001	10	7	28.3	-2.1	19.6	-6.9	24.6	-4.1
2001	10	8	27.2	-2.7	20.4	-6.4	23.3	-4.8
2001	10	9	28.8	-1.8	21.0	-6.1	24.8	-4.0
2001	10	10	38.1	3.4	28.4	-2.0	33.1	0.6
2001	10	11	47.9	8.8	34.6	1.4	42.2	5.7
2001	10	12	51.8	11.0	40.7	4.8	47.2	8.4
2001	10	13	54.8	12.7	46.8	8.2	51.6	10.9
2001	10	14	54.2	12.3	47.5	8.6	49.9	9.9
2001	10	15	48.8	9.3	33.7	0.9	39.7	4.3
2001	10	16	40.0	4.4	32.6	0.3	36.0	2.2
2001	10	17	37.8	3.2	21.2	-6.0	28.7	-1.8
2001	10	18	28.9	-1.7	22.5	-5.3	25.3	-3.7
2001	10	19	34.5	1.4	26.0	-3.3	30.6	-0.8
2001	10	20	38.8	3.8	33.9	1.1	36.1	2.3
2001	10	21	43.5	6.4	32.3	0.2	38.1	3.4
2001	10	22	46.4	8.0	40.4	4.7	42.7	6.0
2001	10	23	54.7	12.6	41.1	5.1	47.2	8.4
2001	10	24	53.8	12.1	49.9	9.9	52.4	11.3
2001	10	25	52.3	11.3	21.3	-5.9	37.9	3.3
2001	10	26	24.4	-4.2	20.8	-6.2	22.1	-5.5
2001	10	27	28.0	-2.2	21.3	-5.9	24.3	-4.3
2001	10	28	26.3	-3.2	19.5	-6.9	22.3	-5.4
2001	10	29	29.5	-1.4	18.9	-7.3	24.4	-4.2
2001	10	30	33.1	0.6	14.1	-9.9	25.1	-3.9
2001	10	31	36.4	2.4	14.9	-9.5	26.8	-2.9
2001	11	1	43.6	6.4	31.2	-0.4	37.0	2.8
2001	11	2	47.9	8.8	39.6	4.2	44.5	6.9
2001	11	3	50.5	10.3	29.6	-1.3	39.8	4.3
2001	11	4	35.8	2.1	28.0	-2.2	32.2	0.1
2001	11	5	28.2	-2.1	20.4	-6.4	23.4	-4.8
2001	11	6	23.4	-4.8	18.2	-7.7	21.3	-5.9
2001	11	7	40.1	4.5	19.6	-6.9	31.6	-0.2
2001	11	11	34.4	1.3	18.0	-7.8	24.5	-4.2
2001	11	12	26.5	-3.1	20.0	-6.7	23.8	-4.6
2001	11	13	28.2	-2.1	21.7	-5.7	25.6	-3.6
2001	11	14	33.1	0.6	24.6	-4.1	28.8	-1.8
2001	11	15	45.0	7.2	32.2	0.1	40.1	4.5
2001	11	16	45.5	7.5	37.4	3.0	41.0	5.0
2001	11	17	39.1	3.9	24.4	-4.2	30.3	-0.9
2001	11	18	39.9	4.4	25.8	-3.4	33.0	0.6
2001	11	19	43.0	6.1	31.0	-0.6	37.0	2.8
2001	11	20	45.0	7.2	18.8	-7.3	29.1	-1.6
2001	11	21	25.7	-3.5	21.1	-6.1	23.6	-4.7
2001	11	22	29.4	-1.4	23.5	-4.7	26.0	-3.3
2001	11	23	38.6	3.7	26.0	-3.3	29.3	-1.5
2001	11	24	51.9	11.1	39.2	4.0	46.8	8.2

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

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Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2001	11	25	53.7	12.1	42.7	5.9	50.5	10.3
2001	11	26	44.6	7.0	38.1	3.4	41.6	5.3
2001	11	27	43.8	6.6	33.9	1.1	38.9	3.8
2001	11	28	46.6	8.1	43.5	6.4	45.1	7.3
2001	11	29	47.3	8.5	42.7	5.9	45.1	7.3
2001	11	30	57.4	14.1	47.3	8.5	54.5	12.5
2001	12	1	52.2	11.2	33.9	1.1	41.0	5.0
2001	12	2	35.7	2.1	30.5	-0.8	33.5	0.8
2001	12	3	35.1	1.7	27.3	-2.6	30.1	-1.1
2001	12	4	35.3	1.8	28.1	-2.2	32.0	0.0
2001	12	5	42.3	5.7	35.6	2.0	38.7	3.7
2001	12	6	41.4	5.2	37.4	3.0	39.3	4.0
2001	12	7	45.9	7.7	23.2	-4.9	37.7	3.2
2001	12	8	31.4	-0.3	25.6	-3.6	28.9	-1.7
2001	12	9	32.8	0.4	26.3	-3.2	29.7	-1.3
2001	12	10	30.5	-0.8	21.9	-5.6	26.1	-3.3
2001	12	11	32.6	0.3	27.5	-2.5	30.9	-0.6
2001	12	12	36.4	2.4	24.1	-4.4	30.3	-1.0
2001	12	13	45.5	7.5	37.0	2.8	42.5	5.8
2001	12	14	51.5	10.8	42.5	5.8	45.9	7.7
2001	12	15	37.5	3.1	20.9	-6.2	25.4	-3.7
2001	12	16	25.9	-3.4	20.9	-6.2	22.8	-5.1
2001	12	17	38.8	3.8	22.6	-5.2	31.9	-0.1
2001	12	18	40.3	4.6	27.1	-2.7	33.0	0.5
2001	12	19	30.7	-0.7	25.6	-3.6	28.3	-2.1
2001	12	20	31.3	-0.4	19.3	-7.1	23.8	-4.6
2001	12	21	26.2	-3.2	12.7	-10.7	17.7	-7.9
2001	12	22	20.8	-6.2	13.6	-10.2	17.2	-8.2
2001	12	23	34.2	1.2	19.3	-7.1	23.4	-4.8
2001	12	24	35.7	2.1	15.3	-9.3	23.5	-4.7
2001	12	25	13.9	-10.1	10.9	-11.7	12.3	-11.0
2001	12	26	13.9	-10.1	10.0	-12.2	12.0	-11.1
2001	12	27	14.1	-9.9	8.2	-13.2	10.9	-11.7
2001	12	28	21.9	-5.6	10.2	-12.1	15.0	-9.4
2001	12	29	20.3	-6.5	9.9	-12.3	14.9	-9.5
2001	12	30	9.6	-12.4	3.8	-15.7	6.4	-14.2
2001	12	31	6.0	-14.4	4.2	-15.4	5.2	-14.9
2002	1	1	11.6	-11.3	4.9	-15.1	8.4	-13.1
2002	1	2	14.3	-9.8	8.2	-13.2	11.9	-11.2
2002	1	3	15.4	-9.2	5.7	-14.6	11.8	-11.2
2002	1	4	17.8	-7.9	10.9	-11.7	14.1	-10.0
2002	1	5	16.8	-8.4	11.2	-11.6	14.1	-9.9
2002	1	6	28.6	-1.9	15.9	-8.9	21.1	-6.1
2002	1	7	28.4	-2.0	11.7	-11.3	23.9	-4.5
2002	1	8	17.0	-8.3	7.8	-13.4	13.1	-10.5
2002	1	9	26.1	-3.3	15.0	-9.4	21.5	-5.8

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

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Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2002	1	10	32.2	0.1	26.6	-3.0	29.2	-1.5
2002	1	11	32.1	0.1	21.5	-5.8	26.8	-2.9
2002	1	12	23.9	-4.5	21.6	-5.8	22.9	-5.1
2002	1	13	28.8	-1.8	16.0	-8.9	21.8	-5.7
2002	1	14	23.7	-4.6	17.5	-8.1	19.5	-6.9
2002	1	15	26.9	-2.8	22.8	-5.1	25.4	-3.7
2002	1	16	22.9	-5.1	15.3	-9.3	19.0	-7.2
2002	1	17	24.0	-4.4	14.8	-9.6	20.0	-6.7
2002	1	18	17.2	-8.2	8.3	-13.2	12.9	-10.6
2002	1	19	21.0	-6.1	9.9	-12.3	15.7	-9.0
2002	1	20	20.0	-6.7	16.2	-8.8	18.6	-7.5
2002	1	21	28.1	-2.2	17.4	-8.1	23.3	-4.8
2002	1	22	24.8	-4.0	18.1	-7.7	20.8	-6.3
2002	1	23	34.7	1.5	20.7	-6.3	28.5	-1.9
2002	1	24	39.7	4.3	32.9	0.5	36.1	2.3
2002	1	25	31.1	-0.5	16.5	-8.6	21.3	-5.9
2002	1	26	21.2	-6.0	16.2	-8.8	18.6	-7.5
2002	1	27	25.8	-3.4	19.3	-7.1	22.8	-5.1
2002	1	28	33.5	0.8	22.6	-5.2	27.9	-2.3
2002	1	29	44.1	6.7	28.4	-2.0	35.5	2.0
2002	1	30	48.6	9.2	28.1	-2.2	41.6	5.3
2002	1	31	32.5	0.3	26.7	-2.9	30.1	-1.1
2002	2	1	44.6	7.0	16.0	-8.9	32.7	0.4
2002	2	2	15.5	-9.2	8.7	-12.9	11.1	-11.6
2002	2	3	19.2	-7.1	14.9	-9.5	16.3	-8.7
2002	2	4	26.8	-2.9	2.9	-16.2	18.2	-7.7
2002	2	5	9.4	-12.6	0.6	-17.4	4.7	-15.2
2002	2	6	19.8	-6.8	8.6	-13.0	15.9	-8.9
2002	2	7	31.0	-0.6	20.3	-6.5	25.4	-3.7
2002	2	8	24.9	-3.9	19.9	-6.7	22.7	-5.2
2002	2	9	24.5	-4.2	20.1	-6.6	22.9	-5.0
2002	2	10	45.0	7.2	25.4	-3.7	34.7	1.5
2002	2	11	39.2	4.0	-2.2	-19.0	15.5	-9.2
2002	2	12	21.7	-5.7	7.8	-13.4	13.8	-10.1
2002	2	13	23.3	-4.8	1.2	-17.1	9.8	-12.3
2002	2	14	10.1	-12.2	4.0	-15.6	7.3	-13.7
2002	2	15	25.3	-3.7	10.4	-12.0	19.0	-7.3
2002	2	16	26.9	-2.8	19.9	-6.7	23.0	-5.0
2002	2	17	31.0	-0.6	12.8	-10.7	20.1	-6.6
2002	2	18	16.6	-8.6	9.7	-12.4	13.3	-10.4
2002	2	19	18.9	-7.3	13.1	-10.5	15.2	-9.3
2002	2	20	45.0	7.2	18.0	-7.8	28.3	-2.1
2002	2	21	45.2	7.3	28.9	-1.7	35.5	1.9
2002	2	22	29.9	-1.2	23.1	-4.9	25.4	-3.7
2002	2	23	23.1	-4.9	12.2	-11.0	15.2	-9.3
2002	2	24	18.5	-7.5	8.1	-13.3	14.8	-9.6

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2002	2	25	25.6	-3.6	16.4	-8.7	20.8	-6.2
2002	2	26	35.3	1.8	23.2	-4.9	28.8	-1.8
2002	2	27	30.0	-1.1	8.1	-13.3	14.8	-9.6
2002	2	28	14.3	-9.8	5.5	-14.7	9.5	-12.5
2002	3	1	16.5	-8.6	9.6	-12.4	12.5	-10.8
2002	3	2	37.7	3.2	15.9	-8.9	22.1	-5.5
2002	3	3	45.0	7.2	15.1	-9.4	36.9	2.7
2002	3	4	15.3	-9.3	0.0	-17.8	7.6	-13.5
2002	3	5	14.8	-9.6	-2.6	-19.2	5.4	-14.8
2002	3	6	23.4	-4.8	14.5	-9.7	19.7	-6.8
2002	3	7	25.8	-3.4	22.2	-5.4	23.8	-4.6
2002	3	8	37.0	2.8	25.7	-3.5	29.7	-1.3
2002	3	9	52.8	11.6	37.0	2.8	47.5	8.6
2002	3	10	47.8	8.8	2.9	-16.2	11.6	-11.3
2002	3	11	13.6	-10.2	5.3	-14.8	8.4	-13.1
2002	3	12	25.6	-3.6	13.3	-10.4	21.0	-6.1
2002	3	13	38.8	3.8	26.0	-3.3	34.1	1.2
2002	3	14	39.2	4.0	35.8	2.1	37.8	3.2
2002	3	15	49.6	9.8	37.3	2.9	44.4	6.9
2002	3	16	51.5	10.8	19.1	-7.2	37.4	3.0
2002	3	17	27.0	-2.8	15.7	-9.1	20.1	-6.6
2002	3	18	32.3	0.2	25.9	-3.4	29.3	-1.5
2002	3	19	32.9	0.5	24.1	-4.4	26.5	-3.1
2002	3	20	35.9	2.2	25.6	-3.6	31.6	-0.3
2002	3	21	30.5	-0.8	4.3	-15.4	25.0	-3.9
2002	3	22	8.7	-12.9	-0.8	-18.2	3.2	-16.0
2002	3	23	13.3	-10.4	6.7	-14.1	10.9	-11.7
2002	3	24	33.5	0.8	12.8	-10.7	20.6	-6.4
2002	3	25	33.4	0.8	18.8	-7.3	24.8	-4.0
2002	3	26	37.6	3.1	23.1	-4.9	29.4	-1.5
2002	3	27	36.2	2.3	20.5	-6.4	27.4	-2.6
2002	3	28	22.1	-5.5	15.0	-9.4	19.8	-6.8
2002	3	29	37.8	3.2	21.4	-5.9	29.8	-1.2
2002	3	30	43.5	6.4	24.0	-4.4	32.2	0.1
2002	3	31	41.9	5.5	26.3	-3.2	31.4	-0.3
2002	4	1	40.3	4.6	17.5	-8.1	29.2	-1.5
2002	4	2	41.7	5.4	19.2	-7.1	27.8	-2.3
2002	4	3	43.4	6.3	19.8	-6.8	34.8	1.5
2002	4	4	19.6	-6.9	14.1	-9.9	16.7	-8.5
2002	4	5	19.2	-7.1	15.1	-9.4	17.3	-8.2
2002	4	6	20.5	-6.4	12.1	-11.1	16.7	-8.5
2002	4	7	20.2	-6.6	12.2	-11.0	15.7	-9.1
2002	4	8	40.2	4.6	21.3	-5.9	31.3	-0.4
2002	4	9	54.3	12.4	40.8	4.9	48.4	9.1
2002	4	10	47.2	8.4	27.2	-2.7	31.2	-0.4
2002	4	11	34.7	1.5	26.9	-2.8	30.1	-1.0

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2002	4	12	48.3	9.1	23.0	-5.0	37.8	3.2
2002	4	13	55.7	13.2	49.1	9.5	53.1	11.7
2002	4	14	56.4	13.6	48.0	8.9	51.1	10.6
2002	4	15	55.2	12.9	51.9	11.1	54.2	12.3
2002	4	16	59.2	15.1	51.2	10.7	55.3	13.0
2002	4	17	56.0	13.3	51.4	10.8	53.5	11.9
2002	4	18	57.5	14.2	52.8	11.6	55.0	12.8
2002	4	19	58.6	14.8	52.1	11.2	55.7	13.2
2002	4	20	56.1	13.4	35.0	1.7	44.8	7.1
2002	4	21	37.0	2.8	21.0	-6.1	28.3	-2.1
2002	4	22	40.0	4.4	25.4	-3.7	33.7	1.0
2002	4	23	23.5	-4.7	17.2	-8.2	19.9	-6.7
2002	4	24	25.6	-3.6	19.4	-7.0	23.3	-4.8
2002	4	25	39.8	4.3	19.6	-6.9	31.1	-0.5
2002	4	26	28.7	-1.8	19.1	-7.2	23.8	-4.6
2002	4	27	35.5	1.9	23.5	-4.7	25.8	-3.5
2002	4	28	53.5	11.9	38.7	3.7	46.3	8.0
2002	4	29	45.6	7.6	26.7	-2.9	33.2	0.6
2002	4	30	42.0	5.6	28.8	-1.8	35.1	1.7
2002	5	1	36.3	2.4	21.3	-5.9	29.6	-1.3
2002	5	2	59.3	15.2	32.3	0.2	46.4	8.0
2002	5	3	40.2	4.6	19.8	-6.8	24.7	-4.1
2002	5	4	29.1	-1.6	20.6	-6.3	26.2	-3.2
2002	5	5	39.3	4.1	28.8	-1.8	34.4	1.3
2002	5	11	35.4	1.9	21.9	-5.6	27.4	-2.6
2002	5	12	51.3	10.7	33.6	0.9	45.7	7.6
2002	5	13	56.5	13.6	43.6	6.4	52.2	11.2
2002	5	14	41.6	5.3	30.8	-0.7	35.1	1.7
2002	5	15	37.3	2.9	29.5	-1.4	31.9	0.0
2002	5	16	47.7	8.7	34.8	1.6	41.2	5.1
2002	5	17	52.4	11.3	38.3	3.5	46.3	8.0
2002	5	18	40.5	4.7	27.2	-2.7	33.4	0.8
2002	5	19	32.4	0.2	21.3	-5.9	25.7	-3.5
2002	5	20	30.0	-1.1	24.8	-4.0	27.9	-2.3
2002	5	21	33.1	0.6	25.5	-3.6	28.8	-1.8
2002	5	22	35.1	1.7	27.2	-2.7	31.0	-0.5
2002	5	23	39.8	4.3	29.2	-1.6	33.8	1.0
2002	5	24	51.1	10.6	38.6	3.7	45.4	7.5
2002	5	25	45.6	7.6	31.8	-0.1	37.7	3.2
2002	5	26	55.5	13.1	43.8	6.6	50.3	10.2
2002	5	27	56.0	13.3	42.2	5.7	50.6	10.3
2002	5	28	59.7	15.4	52.2	11.2	55.0	12.8
2002	5	29	58.6	14.8	52.2	11.2	54.7	12.6
2002	5	30	57.1	13.9	53.0	11.7	55.3	12.9
2002	5	31	59.3	15.2	52.5	11.4	56.4	13.5
2002	6	1	56.1	13.4	44.9	7.2	51.0	10.6

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2002	6	2	49.5	9.7	33.9	1.1	41.6	5.3
2002	6	3	43.9	6.6	34.0	1.1	37.1	2.9
2002	6	4	50.7	10.4	38.2	3.4	44.6	7.0
2002	6	5	65.6	18.7	49.8	9.9	59.3	15.1
2002	6	6	58.2	14.6	49.8	9.9	54.4	12.4
2002	6	7	50.3	10.2	44.4	6.9	46.6	8.1
2002	6	8	50.0	10.0	45.1	7.3	48.1	8.9
2002	6	9	60.0	15.6	46.5	8.1	53.0	11.7
2002	6	10	59.1	15.1	51.5	10.8	54.3	12.4
2002	6	11	63.0	17.2	53.3	11.8	59.2	15.1
2002	6	12	64.2	17.9	57.8	14.3	60.5	15.8
2002	6	13	57.1	13.9	51.9	11.1	54.2	12.4
2002	6	14	52.4	11.3	48.0	8.9	49.4	9.6
2002	6	15	51.1	10.6	46.8	8.2	48.9	9.4
2002	6	16	50.6	10.3	45.2	7.3	47.4	8.5
2002	6	17	48.5	9.2	41.6	5.3	44.7	7.0
2002	6	18	49.3	9.6	40.4	4.7	45.5	7.5
2002	6	19	53.7	12.1	45.8	7.7	50.1	10.1
2002	6	20	56.5	13.6	49.0	9.4	52.9	11.6
2002	6	21	56.2	13.4	50.7	10.4	53.9	12.2
2002	6	22	60.0	15.6	50.7	10.4	55.1	12.8
2002	6	23	60.2	15.7	55.7	13.2	58.2	14.6
2002	6	24	63.3	17.4	56.8	13.8	60.7	15.9
2002	6	25	64.0	17.8	59.8	15.4	61.5	16.4
2002	6	26	65.3	18.5	58.4	14.7	61.6	16.4
2002	6	27	62.9	17.2	57.8	14.3	60.2	15.7
2002	6	28	59.1	15.1	54.1	12.3	57.0	13.9
2002	6	29	58.4	14.7	47.2	8.4	53.0	11.7
2002	6	30	59.6	15.3	53.0	11.7	56.2	13.4
2002	7	1	61.4	16.3	53.4	11.9	57.7	14.3
2002	7	2	70.8	21.6	56.9	13.8	64.2	17.9
2002	7	3	67.9	19.9	64.8	18.2	65.6	18.7
2002	7	4	66.3	19.1	61.7	16.5	64.1	17.9
2002	7	5	60.2	15.7	45.0	7.2	48.9	9.4
2002	7	6	52.2	11.2	42.9	6.1	46.7	8.2
2002	7	7	53.5	11.9	44.5	6.9	49.8	9.9
2002	7	8	56.0	13.3	48.3	9.1	51.9	11.0
2002	7	9	62.9	17.2	54.3	12.4	58.7	14.9
2002	7	10	60.7	15.9	35.7	2.1	47.2	8.4
2002	7	11	41.7	5.4	36.6	2.6	39.4	4.1
2002	7	12	45.3	7.4	38.1	3.4	41.5	5.3
2002	7	13	52.5	11.4	41.5	5.3	47.7	8.7
2002	7	14	57.7	14.3	51.8	11.0	54.9	12.7
2002	7	15	59.0	15.0	51.3	10.7	54.4	12.5
2002	7	16	54.4	12.4	43.1	6.2	48.6	9.2
2002	7	17	61.3	16.3	44.7	7.1	53.5	11.9

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2002	7	18	62.1	16.7	56.7	13.7	59.5	15.3
2002	7	19	62.7	17.1	58.2	14.6	60.1	15.6
2002	7	20	59.0	15.0	53.2	11.8	56.4	13.6
2002	7	21	61.4	16.3	53.1	11.7	58.1	14.5
2002	7	22	63.4	17.4	56.6	13.7	60.0	15.6
2002	7	23	64.7	18.2	56.6	13.7	60.7	15.9
2002	7	24	56.0	13.3	51.6	10.9	54.1	12.3
2002	7	25	54.2	12.3	43.3	6.3	49.6	9.8
2002	7	26	51.3	10.7	42.1	5.6	47.9	8.8
2002	7	27	61.5	16.4	50.8	10.4	57.1	14.0
2002	7	28	68.7	20.4	60.0	15.6	64.1	17.9
2002	7	29	67.0	19.4	63.2	17.3	64.9	18.3
2002	7	30	65.3	18.5	56.1	13.4	60.6	15.9
2002	7	31	60.2	15.7	53.2	11.8	57.1	14.0
2002	8	1	62.7	17.1	57.7	14.3	59.8	15.4
2002	8	2	62.7	17.1	57.2	14.0	59.6	15.3
2002	8	3	60.9	16.1	57.4	14.1	59.1	15.0
2002	8	4	64.1	17.8	55.9	13.3	59.3	15.1
2002	8	5	63.5	17.5	56.7	13.7	60.5	15.8
2002	8	6	62.0	16.7	39.6	4.2	44.0	6.6
2002	8	7	46.0	7.8	40.8	4.9	43.4	6.3
2002	8	8	48.1	8.9	41.5	5.3	43.5	6.4
2002	8	9	48.1	8.9	42.2	5.7	44.7	7.0
2002	8	10	49.9	9.9	43.5	6.4	46.6	8.1
2002	8	11	54.5	12.5	47.4	8.6	51.4	10.8
2002	8	12	58.7	14.8	52.0	11.1	54.6	12.6
2002	8	13	60.7	15.9	54.0	12.2	56.5	13.6
2002	8	14	61.5	16.4	53.9	12.2	56.6	13.7
2002	8	15	61.8	16.6	52.6	11.4	58.1	14.5
2002	8	16	65.3	18.5	60.3	15.7	62.1	16.7
2002	8	17	62.9	17.2	59.4	15.2	60.9	16.1
2002	8	18	63.7	17.6	58.5	14.7	60.9	16.0
2002	8	19	59.5	15.3	50.4	10.2	55.4	13.0
2002	8	20	60.1	15.6	47.8	8.8	54.6	12.6
2002	8	21	51.9	11.1	46.8	8.2	48.2	9.0
2002	8	22	62.6	17.0	49.0	9.4	56.8	13.8
2002	8	23	62.8	17.1	56.0	13.3	58.2	14.6
2002	8	24	63.2	17.3	57.5	14.2	59.9	15.5
2002	8	25	58.0	14.4	47.4	8.6	52.7	11.5
2002	8	26	53.9	12.2	48.8	9.3	51.2	10.7
2002	8	27	55.1	12.8	50.0	10.0	52.9	11.6
2002	8	28	52.5	11.4	45.0	7.2	48.5	9.2
2002	8	29	49.5	9.7	46.4	8.0	48.1	9.0
2002	8	30	52.8	11.6	46.7	8.2	49.5	9.7
2002	8	31	53.7	12.1	46.5	8.1	50.2	10.1
2002	9	1	51.3	10.7	42.8	6.0	47.9	8.8

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2002	9	2	55.8	13.2	49.9	9.9	52.3	11.3
2002	9	3	61.5	16.4	49.8	9.9	56.1	13.4
2002	9	4	61.3	16.3	45.5	7.5	52.8	11.6
2002	9	5	52.1	11.2	43.9	6.6	48.2	9.0
2002	9	6	44.6	7.0	36.4	2.4	41.6	5.3
2002	9	7	48.8	9.3	40.7	4.8	44.2	6.8
2002	9	8	48.2	9.0	38.3	3.5	44.1	6.7
2002	9	9	52.3	11.3	41.7	5.4	47.5	8.6
2002	9	10	54.2	12.3	44.6	7.0	48.9	9.4
2002	9	11	49.3	9.6	36.1	2.3	42.5	5.8
2002	9	12	38.5	3.6	32.5	0.3	35.3	1.8
2002	9	13	42.3	5.7	34.4	1.3	39.0	3.9
2002	9	14	60.1	15.6	40.8	4.9	50.6	10.3
2002	9	15	61.5	16.4	57.9	14.4	59.9	15.5
2002	9	16	60.3	15.7	50.4	10.2	56.7	13.7
2002	9	17	53.7	12.1	46.4	8.0	49.8	9.9
2002	9	18	50.0	10.0	42.6	5.9	47.1	8.4
2002	9	19	56.7	13.7	46.1	7.8	52.1	11.2
2002	9	20	59.4	15.2	52.8	11.6	56.3	13.5
2002	9	21	61.3	16.3	56.6	13.7	59.6	15.3
2002	9	22	61.4	16.3	55.6	13.1	59.9	15.5
2002	9	23	54.4	12.4	38.8	3.8	44.3	6.8
2002	9	24	45.8	7.7	37.5	3.1	42.1	5.6
2002	9	25	46.1	7.8	40.2	4.6	43.2	6.2
2002	9	26	47.2	8.4	43.9	6.6	45.2	7.3
2002	9	27	62.9	17.2	44.8	7.1	53.1	11.7
2002	9	28	56.4	13.6	40.1	4.5	45.8	7.7
2002	9	29	46.1	7.8	35.6	2.0	40.9	5.0
2002	9	30	50.8	10.4	40.8	4.9	46.6	8.1
2002	10	1	57.0	13.9	42.8	6.0	51.0	10.6
2002	10	2	60.3	15.7	50.0	10.0	55.7	13.2
2002	10	3	58.6	14.8	51.3	10.7	54.3	12.4
2002	10	4	58.6	14.8	50.8	10.4	53.2	11.8
2002	10	5	60.5	15.8	38.6	3.7	50.8	10.5
2002	10	6	44.0	6.7	36.7	2.6	39.7	4.3
2002	10	7	50.9	10.5	29.0	-1.7	41.6	5.3
2002	10	8	35.4	1.9	29.9	-1.2	32.0	0.0
2002	10	9	44.8	7.1	32.2	0.1	37.6	3.1
2002	10	10	49.6	9.8	45.3	7.4	47.4	8.6
2002	10	11	47.3	8.5	44.9	7.2	45.9	7.7
2002	10	12	49.3	9.6	45.0	7.2	47.5	8.6
2002	10	13	50.6	10.3	34.1	1.2	46.4	8.0
2002	10	14	32.4	0.2	24.0	-4.4	27.3	-2.6
2002	10	15	36.7	2.6	25.6	-3.6	31.8	-0.1
2002	10	16	40.8	4.9	36.7	2.6	39.4	4.1
2002	10	17	39.7	4.3	30.7	-0.7	34.9	1.6

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

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Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2002	10	18	33.6	0.9	28.1	-2.2	30.6	-0.8
2002	10	19	41.1	5.1	30.9	-0.6	36.1	2.3
2002	10	20	34.2	1.2	28.5	-1.9	31.6	-0.3
2002	10	21	32.4	0.2	25.7	-3.5	28.3	-2.1
2002	10	22	34.4	1.3	23.2	-4.9	29.3	-1.5
2002	10	23	32.2	0.1	24.9	-3.9	28.6	-1.9
2002	10	24	28.2	-2.1	22.1	-5.5	24.9	-4.0
2002	10	25	34.1	1.2	27.4	-2.6	30.9	-0.6
2002	10	26	43.2	6.2	34.8	1.6	40.2	4.6
2002	10	27	39.0	3.9	29.8	-1.2	34.3	1.3
2002	10	28	31.0	-0.6	24.1	-4.4	27.4	-2.5
2002	10	29	26.1	-3.3	19.6	-6.9	23.2	-4.9
2002	10	30	26.7	-2.9	24.2	-4.3	25.7	-3.5
2002	10	31	28.0	-2.2	23.4	-4.8	26.0	-3.3
2002	11	1	29.3	-1.5	17.0	-8.3	24.0	-4.4
2002	11	2	23.7	-4.6	18.8	-7.3	21.3	-5.9
2002	11	3	24.5	-4.2	20.8	-6.2	22.6	-5.2
2002	11	6	40.2	4.6	24.6	-4.1	34.3	1.3
2002	11	8	32.6	0.3	19.2	-7.1	28.1	-2.2
2002	11	9	39.2	4.0	29.6	-1.3	34.3	1.3
2002	11	10	55.2	12.9	40.0	4.4	48.8	9.3
2002	11	11	57.1	13.9	43.0	6.1	52.2	11.2
2002	11	12	43.6	6.4	38.8	3.8	41.1	5.1
2002	11	13	41.0	5.0	28.3	-2.1	33.5	0.8
2002	11	14	34.0	1.1	28.6	-1.9	31.8	-0.1
2002	11	15	34.4	1.3	29.8	-1.2	32.2	0.1
2002	11	16	34.5	1.4	30.6	-0.8	33.0	0.5
2002	11	17	33.8	1.0	29.5	-1.4	32.0	0.0
2002	11	18	29.2	-1.6	21.3	-5.9	24.9	-3.9
2002	11	19	31.9	-0.1	22.1	-5.5	25.8	-3.5
2002	11	20	33.9	1.1	28.0	-2.2	31.2	-0.4
2002	11	21	39.1	3.9	25.6	-3.6	33.3	0.7
2002	11	22	40.4	4.7	31.0	-0.6	36.8	2.7
2002	11	23	29.3	-1.5	17.4	-8.1	20.9	-6.2
2002	11	24	27.0	-2.8	22.7	-5.2	25.2	-3.8
2002	11	25	31.1	-0.5	25.0	-3.9	28.2	-2.1
2002	11	26	27.2	-2.7	17.6	-8.0	22.0	-5.6
2002	11	27	26.2	-3.2	10.1	-12.2	18.4	-7.6
2002	11	28	16.5	-8.6	9.8	-12.3	13.0	-10.6
2002	11	29	21.2	-6.0	13.6	-10.2	17.7	-7.9
2002	11	30	28.0	-2.2	20.5	-6.4	23.4	-4.8
2002	12	1	20.6	-6.3	6.0	-14.4	12.2	-11.0
2002	12	2	18.8	-7.3	6.8	-14.0	12.4	-10.9
2002	12	3	12.0	-11.1	-7.1	-21.7	-0.7	-18.2
2002	12	4	11.4	-11.4	0.3	-17.6	6.4	-14.2
2002	12	5	18.6	-7.4	11.3	-11.5	15.7	-9.1

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2002	12	6	19.0	-7.2	10.5	-11.9	15.9	-8.9
2002	12	7	12.0	-11.1	2.2	-16.6	8.5	-13.0
2002	12	8	27.7	-2.4	8.2	-13.2	16.7	-8.5
2002	12	9	3.9	-15.6	-1.2	-18.4	1.4	-17.0
2002	12	10	9.7	-12.4	0.5	-17.5	5.8	-14.5
2002	12	11	28.6	-1.9	6.7	-14.1	18.4	-7.6
2002	12	12	30.3	-0.9	27.5	-2.5	28.8	-1.8
2002	12	13	31.0	-0.6	27.6	-2.4	28.7	-1.9
2002	12	14	34.7	1.5	27.1	-2.7	31.9	-0.1
2002	12	15	27.8	-2.3	23.2	-4.9	24.9	-3.9
2002	12	16	30.5	-0.8	7.1	-13.8	19.2	-7.1
2002	12	17	11.6	-11.3	7.2	-13.8	9.6	-12.5
2002	12	18	11.5	-11.4	4.7	-15.2	8.8	-12.9
2002	12	19	37.2	2.9	11.4	-11.4	21.9	-5.6
2002	12	20	48.3	9.1	21.2	-6.0	35.9	2.1
2002	12	21	26.6	-3.0	20.2	-6.6	22.5	-5.3
2002	12	22	31.2	-0.4	18.9	-7.3	23.4	-4.8
2002	12	23	20.8	-6.2	16.9	-8.4	18.5	-7.5
2002	12	24	19.4	-7.0	11.7	-11.3	14.0	-10.0
2002	12	25	26.6	-3.0	18.5	-7.5	23.1	-5.0
2002	12	26	21.5	-5.8	13.2	-10.4	17.7	-7.9
2002	12	27	19.9	-6.7	16.0	-8.9	18.7	-7.4
2002	12	28	25.5	-3.6	9.6	-12.4	16.5	-8.6
2002	12	29	26.0	-3.3	17.1	-8.3	22.7	-5.2
2002	12	30	23.8	-4.6	14.9	-9.5	18.8	-7.4
2002	12	31	31.8	-0.1	25.1	-3.8	29.6	-1.4
2003	1	1	32.2	0.1	28.5	-1.9	29.7	-1.3
2003	1	2	29.0	-1.7	19.5	-6.9	22.9	-5.1
2003	1	3	24.2	-4.3	18.2	-7.7	21.9	-5.6
2003	1	4	24.2	-4.3	21.4	-5.9	23.0	-5.0
2003	1	5	22.6	-5.2	18.0	-7.8	20.1	-6.6
2003	1	6	23.2	-4.9	20.5	-6.4	21.5	-5.8
2003	1	7	18.9	-7.3	4.6	-15.2	11.9	-11.2
2003	1	8	27.6	-2.4	17.0	-8.3	24.1	-4.4
2003	1	9	27.7	-2.4	24.9	-3.9	26.0	-3.3
2003	1	10	26.7	-2.9	7.3	-13.7	17.8	-7.9
2003	1	11	11.8	-11.2	1.2	-17.1	5.0	-15.0
2003	1	12	11.4	-11.4	4.0	-15.6	8.3	-13.1
2003	1	13	11.8	-11.2	0.6	-17.4	7.6	-13.5
2003	1	14	8.0	-13.3	0.3	-17.6	4.0	-15.6
2003	1	15	12.0	-11.1	1.5	-16.9	5.9	-14.5
2003	1	16	11.8	-11.2	0.7	-17.4	4.5	-15.3
2003	1	17	12.4	-10.9	-8.9	-22.7	5.0	-15.0
2003	1	18	0.4	-17.6	-10.5	-23.6	-4.3	-20.2
2003	1	19	9.1	-12.7	-2.8	-19.3	2.7	-16.3
2003	1	20	16.9	-8.4	-4.4	-20.2	3.0	-16.1

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2003	1	21	2.1	-16.6	-6.1	-21.2	-2.5	-19.2
2003	1	22	1.4	-17.0	-10.9	-23.8	-4.2	-20.1
2003	1	23	-1.1	-18.4	-12.2	-24.6	-6.8	-21.6
2003	1	24	1.5	-16.9	-9.4	-23.0	-5.0	-20.6
2003	1	25	7.1	-13.8	2.3	-16.5	4.7	-15.2
2003	1	26	20.4	-6.4	7.0	-13.9	13.6	-10.2
2003	1	27	3.8	-15.7	-11.6	-24.2	-8.7	-22.6
2003	1	28	7.1	-13.8	-9.6	-23.1	-1.3	-18.5
2003	1	29	20.1	-6.6	7.5	-13.6	15.3	-9.3
2003	1	30	13.9	-10.1	6.6	-14.1	11.2	-11.6
2003	1	31	28.2	-2.1	10.1	-12.2	17.9	-7.9
2003	2	1	29.4	-1.4	27.3	-2.6	28.3	-2.0
2003	2	2	28.6	-1.9	18.4	-7.6	23.5	-4.7
2003	2	3	24.6	-4.1	20.9	-6.2	22.3	-5.4
2003	2	4	35.3	1.8	15.7	-9.1	25.9	-3.4
2003	2	5	14.3	-9.8	2.4	-16.4	6.6	-14.1
2003	2	6	17.9	-7.8	2.3	-16.5	8.7	-13.0
2003	2	7	22.3	-5.4	7.2	-13.8	18.1	-7.7
2003	2	8	6.1	-14.4	-1.2	-18.4	2.9	-16.2
2003	2	9	16.5	-8.6	0.2	-17.7	8.7	-13.0
2003	2	10	24.6	-4.1	12.7	-10.7	18.6	-7.5
2003	2	11	17.6	-8.0	-8.3	-22.4	2.4	-16.4
2003	2	12	16.6	-8.6	-5.2	-20.7	2.8	-16.2
2003	2	13	2.2	-16.6	-3.4	-19.7	-1.5	-18.6
2003	2	14	4.9	-15.1	-2.1	-18.9	1.2	-17.1
2003	2	15	5.5	-14.7	-13.9	-25.5	-2.9	-19.4
2003	2	16	6.4	-14.2	-14.7	-25.9	-7.3	-21.8
2003	2	17	15.0	-9.4	4.7	-15.2	9.7	-12.4
2003	2	18	19.8	-6.8	12.0	-11.1	16.1	-8.8
2003	2	19	26.9	-2.8	18.4	-7.6	21.2	-6.0
2003	2	20	27.3	-2.6	17.2	-8.2	21.9	-5.6
2003	2	21	30.1	-1.1	9.4	-12.6	17.6	-8.0
2003	2	22	36.6	2.6	28.2	-2.1	32.2	0.1
2003	2	23	36.0	2.2	12.8	-10.7	26.8	-2.9
2003	2	24	18.9	-7.3	7.3	-13.7	12.1	-11.1
2003	2	25	17.0	-8.3	-2.8	-19.3	5.3	-14.8
2003	2	26	7.5	-13.6	-3.0	-19.4	1.7	-16.8
2003	2	27	13.7	-10.2	7.9	-13.4	11.4	-11.4
2003	2	28	19.0	-7.2	10.4	-12.0	13.2	-10.4
2003	3	1	27.3	-2.6	19.2	-7.1	23.2	-4.9
2003	3	2	32.1	0.1	23.0	-5.0	28.2	-2.1
2003	3	3	22.2	-5.4	-19.0	-28.3	-9.4	-23.0
2003	3	4	16.0	-8.9	-5.9	-21.1	5.0	-15.0
2003	3	5	26.4	-3.1	16.8	-8.4	22.6	-5.2
2003	3	6	23.0	-5.0	2.8	-16.2	13.6	-10.2
2003	3	7	10.7	-11.8	-8.8	-22.7	3.0	-16.1

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2003	3	8	22.9	-5.1	6.1	-14.4	15.2	-9.3
2003	3	9	26.7	-2.9	-6.8	-21.6	13.5	-10.3
2003	3	10	-0.6	-18.1	-6.8	-21.6	-3.9	-20.0
2003	3	11	19.3	-7.1	-1.6	-18.7	8.4	-13.1
2003	3	12	25.9	-3.4	14.9	-9.5	20.3	-6.5
2003	3	13	23.8	-4.6	12.8	-10.7	21.5	-5.9
2003	3	14	12.2	-11.0	0.6	-17.4	5.6	-14.7
2003	3	15	22.7	-5.2	12.2	-11.0	17.6	-8.0
2003	3	16	40.3	4.6	18.4	-7.6	28.4	-2.0
2003	3	17	44.0	6.7	27.3	-2.6	34.4	1.3
2003	3	18	38.2	3.4	27.7	-2.4	32.5	0.3
2003	3	19	28.7	-1.8	12.0	-11.1	19.7	-6.9
2003	3	20	35.6	2.0	15.8	-9.0	26.1	-3.3
2003	3	21	41.9	5.5	32.6	0.3	36.6	2.6
2003	3	22	36.8	2.7	26.8	-2.9	31.0	-0.6
2003	3	23	27.5	-2.5	23.9	-4.5	25.4	-3.7
2003	3	24	32.2	0.1	22.9	-5.1	27.5	-2.5
2003	3	25	37.2	2.9	25.5	-3.6	32.1	0.1
2003	3	26	36.8	2.7	28.7	-1.8	33.0	0.6
2003	3	27	31.9	-0.1	26.5	-3.1	29.3	-1.5
2003	3	28	42.0	5.6	26.6	-3.0	32.5	0.3
2003	3	29	50.8	10.4	39.3	4.1	45.1	7.3
2003	3	30	36.3	2.4	16.8	-8.4	24.5	-4.2
2003	3	31	18.9	-7.3	6.2	-14.3	11.9	-11.2
2003	4	1	28.9	-1.7	7.6	-13.6	18.9	-7.3
2003	4	2	42.2	5.7	28.9	-1.7	36.0	2.2
2003	4	3	41.1	5.1	33.1	0.6	36.6	2.6
2003	4	4	33.0	0.6	27.0	-2.8	30.6	-0.8
2003	4	5	34.7	1.5	23.1	-4.9	28.8	-1.8
2003	4	6	18.8	-7.3	9.2	-12.7	12.4	-10.9
2003	4	7	22.2	-5.4	12.2	-11.0	17.7	-7.9
2003	4	8	24.8	-4.0	20.4	-6.4	22.7	-5.2
2003	4	9	28.5	-1.9	24.2	-4.3	26.3	-3.2
2003	4	10	28.2	-2.1	16.9	-8.4	23.7	-4.6
2003	4	11	36.5	2.5	16.0	-8.9	28.7	-1.8
2003	4	12	34.3	1.3	24.4	-4.2	29.4	-1.4
2003	4	13	25.4	-3.7	12.6	-10.8	18.3	-7.6
2003	4	14	32.8	0.4	18.7	-7.4	23.6	-4.7
2003	4	15	40.9	4.9	29.7	-1.3	36.3	2.4
2003	4	16	41.8	5.4	28.1	-2.2	37.1	2.8
2003	4	17	26.8	-2.9	17.6	-8.0	21.4	-5.9
2003	4	18	31.3	-0.4	15.0	-9.4	23.3	-4.8
2003	4	19	36.8	2.7	24.2	-4.3	32.7	0.4
2003	4	20	34.2	1.2	23.9	-4.5	28.0	-2.2
2003	4	21	42.7	5.9	27.5	-2.5	35.7	2.0
2003	4	22	45.0	7.2	26.9	-2.8	39.2	4.0

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2003	4	23	26.4	-3.1	20.4	-6.4	22.5	-5.3
2003	4	24	19.9	-6.7	9.7	-12.4	15.1	-9.4
2003	4	25	34.3	1.3	19.2	-7.1	25.4	-3.7
2003	4	26	44.5	6.9	37.4	3.0	42.5	5.8
2003	4	27	43.0	6.1	20.6	-6.3	30.1	-1.0
2003	4	28	33.8	1.0	26.9	-2.8	30.3	-0.9
2003	4	29	44.4	6.9	29.7	-1.3	37.7	3.2
2003	4	30	34.0	1.1	27.2	-2.7	30.7	-0.7
2003	5	1	54.1	12.3	31.6	-0.2	45.1	7.3
2003	5	2	53.0	11.7	36.9	2.7	46.9	8.3
2003	5	3	36.6	2.6	25.5	-3.6	30.1	-1.0
2003	5	4	33.2	0.7	25.5	-3.6	28.7	-1.8
2003	5	5	34.8	1.6	27.4	-2.6	31.0	-0.6
2003	5	6	46.6	8.1	28.7	-1.8	39.2	4.0
2003	5	9	53.7	12.1	39.1	3.9	47.9	8.8
2003	5	10	55.7	13.2	41.0	5.0	49.4	9.7
2003	5	11	62.0	16.7	46.8	8.2	57.3	14.0
2003	5	12	43.5	6.4	38.6	3.7	40.7	4.8
2003	5	13	38.9	3.8	35.0	1.7	37.1	2.8
2003	5	14	40.5	4.7	36.1	2.3	38.0	3.3
2003	5	15	42.9	6.1	36.0	2.2	39.7	4.3
2003	5	16	46.3	7.9	38.9	3.8	41.5	5.3
2003	5	17	44.1	6.7	38.2	3.4	40.7	4.9
2003	5	18	43.1	6.2	31.7	-0.2	38.5	3.6
2003	5	19	38.4	3.6	29.0	-1.7	34.3	1.3
2003	5	20	42.8	6.0	31.3	-0.4	36.5	2.5
2003	5	21	49.8	9.9	38.0	3.3	43.9	6.6
2003	5	22	46.4	8.0	38.9	3.8	42.9	6.1
2003	5	23	47.8	8.8	43.1	6.2	45.3	7.4
2003	5	24	51.4	10.8	46.5	8.1	49.2	9.6
2003	5	25	50.5	10.3	47.7	8.7	49.1	9.5
2003	5	26	50.7	10.4	47.6	8.7	49.2	9.6
2003	5	27	49.1	9.5	43.7	6.5	47.1	8.4
2003	5	28	50.6	10.3	46.3	7.9	47.9	8.8
2003	5	29	51.8	11.0	45.6	7.6	47.9	8.9
2003	5	30	51.0	10.6	46.3	7.9	49.0	9.5
2003	5	31	53.9	12.2	47.9	8.8	51.1	10.6
2003	6	1	53.0	11.7	35.8	2.1	43.4	6.4
2003	6	2	43.7	6.5	34.4	1.3	38.2	3.4
2003	6	3	48.0	8.9	40.3	4.6	44.1	6.7
2003	6	4	50.5	10.3	44.8	7.1	47.7	8.7
2003	6	5	50.8	10.4	44.8	7.1	48.1	8.9
2003	6	6	51.0	10.6	45.3	7.4	47.3	8.5
2003	6	7	53.5	11.9	46.9	8.3	51.0	10.6
2003	6	8	53.1	11.7	51.7	10.9	52.6	11.4
2003	6	9	54.0	12.2	47.7	8.7	52.1	11.2

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2003	6	10	52.3	11.3	47.1	8.4	49.9	10.0
2003	6	11	63.3	17.4	52.0	11.1	59.2	15.1
2003	6	12	65.0	18.3	60.8	16.0	62.6	17.0
2003	6	13	63.3	17.4	60.0	15.6	61.7	16.5
2003	6	14	63.8	17.7	57.1	13.9	62.1	16.7
2003	6	15	58.4	14.7	46.6	8.1	53.2	11.8
2003	6	16	48.7	9.3	41.5	5.3	45.5	7.5
2003	6	17	51.1	10.6	43.7	6.5	46.2	7.9
2003	6	18	56.3	13.5	50.5	10.3	53.4	11.9
2003	6	19	58.5	14.7	52.2	11.2	55.4	13.0
2003	6	20	54.0	12.2	50.6	10.3	52.3	11.3
2003	6	21	52.9	11.6	48.2	9.0	50.8	10.4
2003	6	22	58.0	14.4	49.0	9.4	53.5	11.9
2003	6	23	58.1	14.5	49.3	9.6	53.2	11.8
2003	6	24	63.1	17.3	50.3	10.2	56.6	13.7
2003	6	25	64.4	18.0	51.9	11.1	58.2	14.6
2003	6	26	65.8	18.8	58.7	14.8	62.8	17.1
2003	6	27	63.4	17.4	49.3	9.6	57.6	14.2
2003	6	28	53.7	12.1	49.2	9.6	51.0	10.6
2003	6	29	59.7	15.4	52.5	11.4	56.2	13.4
2003	6	30	60.8	16.0	53.2	11.8	57.0	13.9
2003	7	1	58.8	14.9	51.9	11.1	55.0	12.8
2003	7	2	59.2	15.1	53.7	12.1	55.8	13.2
2003	7	3	61.2	16.2	54.1	12.3	57.6	14.2
2003	7	4	68.7	20.4	58.3	14.6	63.0	17.2
2003	7	5	65.1	18.4	61.4	16.3	63.6	17.6
2003	7	6	64.6	18.1	58.8	14.9	61.8	16.5
2003	7	7	66.3	19.1	60.8	16.0	63.7	17.6
2003	7	8	66.8	19.3	60.6	15.9	64.4	18.0
2003	7	9	66.4	19.1	54.8	12.7	59.0	15.0
2003	7	10	57.6	14.2	52.8	11.6	55.3	13.0
2003	7	11	63.9	17.7	52.5	11.4	58.0	14.5
2003	7	12	56.2	13.4	51.1	10.6	53.0	11.6
2003	7	13	55.3	12.9	50.3	10.2	52.3	11.3
2003	7	14	55.9	13.3	51.0	10.6	53.2	11.8
2003	7	15	59.0	15.0	52.7	11.5	56.4	13.5
2003	7	16	64.9	18.3	52.6	11.4	59.5	15.3
2003	7	17	57.7	14.3	49.8	9.9	53.4	11.9
2003	7	18	62.0	16.7	55.4	13.0	58.9	15.0
2003	7	19	59.6	15.3	47.6	8.7	52.0	11.1
2003	7	20	55.8	13.2	47.8	8.8	51.7	10.9
2003	7	21	63.7	17.6	55.7	13.2	61.1	16.2
2003	7	22	62.6	17.0	57.7	14.3	60.3	15.7
2003	7	23	63.3	17.4	60.5	15.8	62.0	16.7
2003	7	24	61.6	16.4	53.9	12.2	58.3	14.6
2003	7	25	58.2	14.6	51.0	10.6	54.7	12.6

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2003	7	26	62.7	17.1	52.8	11.6	57.4	14.1
2003	7	27	65.1	18.4	59.1	15.1	62.4	16.9
2003	7	28	65.5	18.6	50.0	10.0	56.9	13.8
2003	7	29	57.4	14.1	49.4	9.7	52.4	11.3
2003	7	30	57.3	14.1	52.0	11.1	54.0	12.2
2003	7	31	62.1	16.7	51.2	10.7	55.2	12.9
2003	8	1	68.4	20.2	58.2	14.6	63.8	17.7
2003	8	2	67.5	19.7	64.0	17.8	65.4	18.5
2003	8	3	68.5	20.3	63.6	17.6	65.9	18.9
2003	8	4	67.5	19.7	64.1	17.8	66.2	19.0
2003	8	5	67.3	19.6	61.9	16.6	63.9	17.7
2003	8	6	63.8	17.7	59.0	15.0	61.7	16.5
2003	8	7	64.4	18.0	58.8	14.9	62.1	16.7
2003	8	8	65.5	18.6	61.0	16.1	63.0	17.2
2003	8	9	67.7	19.8	63.7	17.6	65.6	18.7
2003	8	10	66.7	19.3	63.9	17.7	65.4	18.6
2003	8	11	67.4	19.7	63.5	17.5	64.8	18.2
2003	8	12	67.9	19.9	63.7	17.6	65.2	18.4
2003	8	13	68.1	20.1	63.0	17.2	65.4	18.6
2003	8	14	66.5	19.2	60.9	16.1	63.6	17.6
2003	8	15	66.0	18.9	59.9	15.5	63.2	17.3
2003	8	16	67.5	19.7	58.0	14.4	63.2	17.3
2003	8	17	61.9	16.6	56.5	13.6	59.7	15.4
2003	8	18	58.4	14.7	52.7	11.5	55.5	13.1
2003	8	19	61.3	16.3	53.0	11.7	56.8	13.8
2003	8	20	63.9	17.7	54.7	12.6	58.8	14.9
2003	8	21	67.0	19.4	58.7	14.8	63.3	17.4
2003	8	22	69.3	20.7	62.7	17.1	66.0	18.9
2003	8	23	62.1	16.7	39.2	4.0	50.5	10.3
2003	8	24	50.4	10.2	40.8	4.9	45.6	7.6
2003	8	25	64.9	18.3	50.3	10.2	56.3	13.5
2003	8	26	65.7	18.7	58.3	14.6	62.0	16.7
2003	8	27	64.8	18.2	61.1	16.2	62.9	17.2
2003	8	28	57.0	13.9	47.0	8.3	52.8	11.5
2003	8	29	68.4	20.2	51.8	11.0	61.2	16.2
2003	8	30	65.0	18.3	50.7	10.4	60.2	15.7
2003	8	31	55.1	12.8	46.3	7.9	49.7	9.9
2003	9	1	60.8	16.0	55.2	12.9	58.3	14.6
2003	9	2	63.0	17.2	53.5	11.9	57.0	13.9
2003	9	3	61.3	16.3	54.1	12.3	57.4	14.1
2003	9	4	63.5	17.5	55.8	13.2	61.3	16.3
2003	9	5	56.5	13.6	48.3	9.1	52.2	11.2
2003	9	6	56.5	13.6	46.0	7.8	50.4	10.2
2003	9	7	56.3	13.5	47.7	8.7	51.8	11.0
2003	9	8	58.1	14.5	51.5	10.8	55.0	12.8
2003	9	9	55.1	12.8	46.6	8.1	50.9	10.5

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2003	9	10	55.2	12.9	46.5	8.1	49.8	9.9
2003	9	11	57.3	14.1	48.8	9.3	53.6	12.0
2003	9	12	55.7	13.2	45.6	7.6	49.2	9.6
2003	9	13	65.2	18.4	49.2	9.6	59.7	15.4
2003	9	14	65.8	18.8	62.8	17.1	64.1	17.8
2003	9	15	65.1	18.4	61.0	16.1	63.5	17.5
2003	9	16	60.9	16.1	42.0	5.6	51.6	10.9
2003	9	17	53.5	11.9	47.4	8.6	49.9	9.9
2003	9	18	55.4	13.0	48.3	9.1	51.9	11.1
2003	9	19	64.4	18.0	56.3	13.5	60.4	15.8
2003	9	20	60.6	15.9	48.6	9.2	55.8	13.2
2003	9	21	56.7	13.7	46.1	7.8	50.8	10.4
2003	9	22	61.4	16.3	51.2	10.7	55.8	13.2
2003	9	23	62.9	17.2	42.4	5.8	53.6	12.0
2003	9	24	50.1	10.1	43.1	6.2	45.9	7.7
2003	9	25	59.5	15.3	46.4	8.0	53.2	11.8
2003	9	26	59.0	15.0	50.0	10.0	53.5	11.9
2003	9	27	62.1	16.7	56.1	13.4	59.4	15.2
2003	9	28	57.8	14.3	48.6	9.2	52.2	11.2
2003	9	29	48.1	8.9	39.4	4.1	43.4	6.3
2003	9	30	41.8	5.4	34.9	1.6	39.2	4.0
2003	10	1	44.0	6.7	37.1	2.8	40.6	4.8
2003	10	2	38.5	3.6	25.3	-3.7	32.9	0.5
2003	10	3	34.0	1.1	27.6	-2.4	31.3	-0.4
2003	10	4	43.9	6.6	32.1	0.1	39.9	4.4
2003	10	5	39.6	4.2	30.6	-0.8	35.3	1.8
2003	10	6	36.5	2.5	29.4	-1.4	33.1	0.6
2003	10	7	43.6	6.4	31.7	-0.2	36.9	2.7
2003	10	8	50.0	10.0	38.8	3.8	44.3	6.9
2003	10	9	57.1	13.9	42.2	5.7	49.8	9.9
2003	10	10	54.1	12.3	47.3	8.5	51.2	10.7
2003	10	11	51.5	10.8	40.7	4.8	46.0	7.8
2003	10	12	53.0	11.7	41.2	5.1	46.7	8.1
2003	10	13	46.4	8.0	42.1	5.6	43.7	6.5
2003	10	14	51.5	10.8	40.9	4.9	43.5	6.4
2003	10	15	51.3	10.7	27.3	-2.6	38.4	3.6
2003	10	16	39.4	4.1	33.3	0.7	35.7	2.0
2003	10	21	47.7	8.7	40.6	4.8	43.1	6.2
2003	10	22	42.9	6.1	21.1	-6.1	33.0	0.6
2003	10	23	25.2	-3.8	17.9	-7.8	21.3	-6.0
2003	10	24	30.3	-0.9	20.2	-6.6	26.2	-3.2
2003	10	25	39.3	4.1	27.8	-2.3	32.9	0.5
2003	10	26	55.5	13.1	40.0	4.4	51.0	10.5
2003	10	27	56.2	13.4	38.4	3.6	50.0	10.0
2003	10	28	37.3	2.9	28.6	-1.9	33.7	0.9
2003	10	29	44.2	6.8	29.9	-1.2	41.4	5.2

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2003	10	30	37.7	3.2	29.3	-1.5	32.9	0.5
2003	10	31	45.4	7.4	35.0	1.7	40.6	4.8
2003	11	1	55.0	12.8	42.5	5.8	48.4	9.1
2003	11	2	54.8	12.7	45.8	7.7	50.1	10.1
2003	11	3	68.1	20.1	48.5	9.2	55.8	13.2
2003	11	4	65.6	18.7	45.6	7.6	53.5	12.0
2003	11	5	57.5	14.2	51.5	10.8	54.7	12.6
2003	11	6	56.5	13.6	45.2	7.3	48.4	9.1
2003	11	7	44.9	7.2	36.3	2.4	42.0	5.5
2003	11	8	36.1	2.3	10.6	-11.9	22.9	-5.1
2003	11	9	17.9	-7.8	11.2	-11.6	15.2	-9.3
2003	11	10	22.7	-5.2	14.3	-9.8	18.3	-7.6
2003	11	11	39.0	3.9	22.6	-5.2	31.2	-0.4
2003	11	12	48.8	9.3	39.0	3.9	43.2	6.2
2003	11	13	49.5	9.7	17.8	-7.9	27.8	-2.4
2003	11	14	21.8	-5.7	13.4	-10.3	18.0	-7.8
2003	11	15	27.7	-2.4	22.6	-5.2	25.6	-3.6
2003	11	16	32.3	0.2	25.9	-3.4	29.4	-1.4
2003	11	17	40.0	4.4	33.0	0.6	37.7	3.2
2003	11	18	44.3	6.8	36.7	2.6	39.5	4.2
2003	11	19	55.7	13.2	43.5	6.4	50.8	10.5
2003	11	20	40.3	4.6	28.0	-2.2	31.5	-0.3
2003	11	21	39.1	3.9	26.8	-2.9	33.3	0.7
2003	11	22	40.3	4.6	32.7	0.4	36.8	2.6
2003	11	23	41.9	5.5	32.6	0.3	37.3	2.9
2003	11	24	43.9	6.6	29.0	-1.7	37.4	3.0
2003	11	25	28.9	-1.7	18.9	-7.3	22.2	-5.5
2003	11	26	29.0	-1.7	22.9	-5.1	25.5	-3.6
2003	11	27	34.8	1.6	24.3	-4.3	28.8	-1.8
2003	11	28	52.4	11.3	33.9	1.1	43.1	6.2
2003	11	29	33.0	0.6	19.6	-6.9	24.5	-4.2
2003	11	30	26.6	-3.0	19.0	-7.2	22.5	-5.3
2003	12	1	29.9	-1.2	14.7	-9.6	22.9	-5.1
2003	12	2	22.3	-5.4	1.7	-16.8	12.3	-10.9
2003	12	3	11.9	-11.2	4.1	-15.5	7.5	-13.6
2003	12	4	17.6	-8.0	10.4	-12.0	14.2	-9.9
2003	12	5	24.5	-4.2	16.2	-8.8	20.3	-6.5
2003	12	6	20.4	-6.4	14.9	-9.5	16.8	-8.5
2003	12	7	15.0	-9.4	9.7	-12.4	11.9	-11.2
2003	12	8	16.6	-8.6	8.3	-13.2	12.1	-11.1
2003	12	9	19.4	-7.0	16.5	-8.6	18.1	-7.7
2003	12	10	44.3	6.8	19.8	-6.8	28.9	-1.8
2003	12	11	48.9	9.4	22.6	-5.2	39.5	4.1
2003	12	12	22.3	-5.4	14.1	-9.9	17.6	-8.0
2003	12	13	16.7	-8.5	7.0	-13.9	10.9	-11.7
2003	12	14	24.3	-4.3	8.1	-13.3	18.1	-7.7

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2003	12	15	24.3	-4.3	16.1	-8.8	20.6	-6.3
2003	12	16	27.8	-2.3	17.6	-8.0	23.0	-5.0
2003	12	17	36.9	2.7	20.3	-6.5	29.4	-1.5
2003	12	18	21.1	-6.1	17.8	-7.9	18.8	-7.3
2003	12	19	20.8	-6.2	17.7	-7.9	19.6	-6.9
2003	12	20	21.3	-5.9	8.2	-13.2	16.9	-8.4
2003	12	21	14.7	-9.6	8.8	-12.9	12.6	-10.8
2003	12	22	25.7	-3.5	13.2	-10.4	19.0	-7.3
2003	12	23	34.6	1.4	25.8	-3.4	28.9	-1.7
2003	12	24	48.9	9.4	29.8	-1.2	40.5	4.7
2003	12	25	27.7	-2.4	18.1	-7.7	22.4	-5.3
2003	12	26	25.1	-3.8	15.9	-8.9	20.4	-6.4
2003	12	27	26.8	-2.9	17.6	-8.0	22.8	-5.1
2003	12	28	29.0	-1.7	18.2	-7.7	23.8	-4.6
2003	12	29	29.2	-1.6	22.1	-5.5	25.5	-3.6
2003	12	30	35.2	1.8	20.1	-6.6	26.8	-2.9
2003	12	31	24.3	-4.3	20.4	-6.4	22.1	-5.5
2004	1	1	23.3	-4.8	17.3	-8.2	20.3	-6.5
2004	1	2	33.2	0.7	22.4	-5.3	28.9	-1.7
2004	1	3	45.3	7.4	33.5	0.8	41.6	5.3
2004	1	4	44.3	6.8	29.7	-1.3	36.6	2.5
2004	1	5	34.6	1.4	25.7	-3.5	31.4	-0.3
2004	1	6	22.2	-5.4	-2.1	-18.9	14.1	-10.0
2004	1	7	6.4	-14.2	-4.2	-20.1	0.9	-17.3
2004	1	8	12.7	-10.7	4.4	-15.3	9.0	-12.8
2004	1	9	14.6	-9.7	-16.8	-27.1	-4.2	-20.1
2004	1	10	-6.7	-21.5	-13.6	-25.3	-11.0	-23.9
2004	1	11	17.1	-8.3	-6.4	-21.3	1.4	-17.0
2004	1	12	26.7	-2.9	13.0	-10.6	19.8	-6.8
2004	1	13	29.4	-1.4	-3.2	-19.6	18.6	-7.5
2004	1	14	6.6	-14.1	-8.5	-22.5	-1.8	-18.8
2004	1	15	5.0	-15.0	-18.2	-27.9	-3.4	-19.7
2004	1	16	2.8	-16.2	-17.9	-27.7	-7.0	-21.7
2004	1	17	15.2	-9.3	1.3	-17.1	6.3	-14.3
2004	1	18	25.5	-3.6	8.2	-13.2	19.1	-7.2
2004	1	19	8.8	-12.9	4.8	-15.1	6.8	-14.0
2004	1	20	9.6	-12.4	2.4	-16.4	4.3	-15.4
2004	1	21	6.7	-14.1	2.5	-16.4	4.3	-15.4
2004	1	22	25.6	-3.6	-2.3	-19.1	9.1	-12.7
2004	1	23	1.2	-17.1	-8.7	-22.6	-5.8	-21.0
2004	1	24	4.3	-15.4	-11.1	-23.9	-1.0	-18.3
2004	1	25	-1.5	-18.6	-11.6	-24.2	-6.4	-21.4
2004	1	26	9.5	-12.5	-3.2	-19.6	4.8	-15.1
2004	1	27	20.0	-6.7	9.4	-12.6	15.0	-9.5
2004	1	28	17.9	-7.8	6.8	-14.0	12.8	-10.7
2004	1	29	8.1	-13.3	-4.0	-20.0	2.4	-16.5

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2004	1	30	0.3	-17.6	-4.2	-20.1	-1.6	-18.7
2004	1	31	5.3	-14.8	-1.7	-18.7	2.0	-16.7
2004	2	1	12.8	-10.7	2.6	-16.3	8.1	-13.3
2004	2	2	19.5	-6.9	9.8	-12.3	15.7	-9.0
2004	2	3	32.6	0.3	17.0	-8.3	25.8	-3.4
2004	2	4	30.1	-1.1	14.3	-9.8	21.6	-5.8
2004	2	5	17.6	-8.0	8.4	-13.1	12.9	-10.6
2004	2	6	32.8	0.4	15.7	-9.1	27.1	-2.7
2004	2	7	30.7	-0.7	10.5	-11.9	23.6	-4.6
2004	2	8	9.4	-12.6	-2.0	-18.9	4.9	-15.1
2004	2	9	20.5	-6.4	4.5	-15.3	12.3	-10.9
2004	2	10	23.7	-4.6	16.6	-8.6	20.2	-6.6
2004	2	11	24.5	-4.2	9.3	-12.6	14.4	-9.8
2004	2	12	21.0	-6.1	10.6	-11.9	15.1	-9.4
2004	2	13	22.6	-5.2	16.8	-8.4	18.6	-7.5
2004	2	14	18.1	-7.7	14.1	-9.9	16.1	-8.8
2004	2	15	18.0	-7.8	-7.0	-21.7	1.6	-16.9
2004	2	16	5.5	-14.7	-9.4	-23.0	-1.0	-18.3
2004	2	17	14.9	-9.5	3.0	-16.1	8.2	-13.2
2004	2	18	15.0	-9.4	2.5	-16.4	11.3	-11.5
2004	2	19	24.5	-4.2	14.3	-9.8	20.3	-6.5
2004	2	20	29.1	-1.6	21.3	-5.9	24.4	-4.3
2004	2	21	32.1	0.1	23.7	-4.6	28.9	-1.7
2004	2	22	25.1	-3.8	14.6	-9.7	17.5	-8.0
2004	2	23	20.7	-6.3	12.2	-11.0	16.7	-8.5
2004	2	24	27.1	-2.7	4.2	-15.4	21.5	-5.9
2004	2	25	10.2	-12.1	2.3	-16.5	7.8	-13.5
2004	2	26	18.4	-7.6	7.6	-13.6	12.4	-10.9
2004	2	27	13.3	-10.4	6.8	-14.0	9.5	-12.5
2004	2	28	21.5	-5.8	11.1	-11.6	15.9	-9.0
2004	2	29	23.2	-4.9	16.6	-8.6	20.4	-6.4
2004	3	1	28.7	-1.8	20.9	-6.2	25.2	-3.8
2004	3	2	44.0	6.7	26.8	-2.9	33.4	0.8
2004	3	3	34.2	1.2	28.4	-2.0	32.1	0.0
2004	3	4	40.8	4.9	31.9	-0.1	36.7	2.6
2004	3	5	43.9	6.6	37.1	2.8	40.0	4.4
2004	3	6	50.5	10.3	25.3	-3.7	41.4	5.2
2004	3	7	33.4	0.8	22.6	-5.2	26.0	-3.3
2004	3	8	31.5	-0.3	24.2	-4.3	27.8	-2.3
2004	3	9	26.6	-3.0	22.8	-5.1	24.7	-4.1
2004	3	10	28.8	-1.8	22.8	-5.1	24.2	-4.4
2004	3	11	24.9	-3.9	18.7	-7.4	22.0	-5.5
2004	3	12	29.9	-1.2	12.0	-11.1	18.7	-7.4
2004	3	13	15.7	-9.1	4.5	-15.3	10.2	-12.1
2004	3	14	27.1	-2.7	9.4	-12.6	15.8	-9.0
2004	3	15	30.8	-0.7	13.9	-10.1	22.2	-5.4

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2004	3	16	24.7	-4.1	16.9	-8.4	21.1	-6.0
2004	3	17	25.8	-3.4	20.0	-6.7	22.8	-5.1
2004	3	18	24.7	-4.1	19.2	-7.1	21.3	-6.0
2004	3	19	27.1	-2.7	16.1	-8.8	22.5	-5.3
2004	3	20	35.1	1.7	15.3	-9.3	24.7	-4.0
2004	3	21	35.5	1.9	12.7	-10.7	24.0	-4.5
2004	3	22	12.1	-11.1	-2.7	-19.3	2.0	-16.7
2004	3	23	14.8	-9.6	5.6	-14.7	10.5	-11.9
2004	3	24	30.1	-1.1	15.2	-9.3	20.9	-6.2
2004	3	25	38.7	3.7	30.8	-0.7	35.4	1.9
2004	3	26	44.7	7.1	34.4	1.3	39.7	4.3
2004	3	27	51.8	11.0	39.9	4.4	45.8	7.7
2004	3	28	39.4	4.1	22.8	-5.1	33.6	0.9
2004	3	29	33.0	0.6	19.1	-7.2	27.7	-2.4
2004	3	30	33.0	0.6	17.1	-8.3	26.4	-3.1
2004	3	31	39.6	4.2	32.9	0.5	36.8	2.6
2004	4	1	40.1	4.5	37.7	3.2	38.7	3.7
2004	4	2	39.2	4.0	34.5	1.4	35.9	2.2
2004	4	3	37.1	2.8	32.9	0.5	34.9	1.6
2004	4	4	36.6	2.6	14.7	-9.6	28.0	-2.2
2004	4	7	33.0	0.6	25.8	-3.4	29.5	-1.4
2004	4	8	35.7	2.1	25.5	-3.6	30.3	-1.0
2004	4	9	37.7	3.2	16.2	-8.8	29.6	-1.3
2004	4	10	27.1	-2.7	22.3	-5.4	25.0	-3.9
2004	4	11	30.5	-0.8	23.3	-4.8	26.5	-3.1
2004	4	12	36.8	2.7	21.3	-5.9	30.1	-1.1
2004	4	13	49.2	9.6	34.7	1.5	40.5	4.7
2004	4	14	44.8	7.1	28.4	-2.0	36.2	2.3
2004	4	15	27.9	-2.3	11.6	-11.3	19.9	-6.8
2004	4	16	27.0	-2.8	16.9	-8.4	22.0	-5.6
2004	4	17	44.6	7.0	27.9	-2.3	36.4	2.4
2004	4	18	53.0	11.7	43.1	6.2	47.8	8.8
2004	4	19	50.3	10.2	30.7	-0.7	42.7	5.9
2004	4	20	51.1	10.6	33.7	0.9	38.8	3.8
2004	4	21	48.2	9.0	35.9	2.2	41.7	5.4
2004	4	22	53.1	11.7	44.6	7.0	49.5	9.7
2004	4	23	48.9	9.4	44.6	7.0	46.3	7.9
2004	4	24	46.5	8.1	25.9	-3.4	35.0	1.7
2004	4	25	37.3	2.9	22.8	-5.1	30.8	-0.7
2004	4	26	49.6	9.8	37.8	3.2	45.2	7.3
2004	4	27	45.5	7.5	27.2	-2.7	35.1	1.7
2004	4	28	30.4	-0.9	16.7	-8.5	21.7	-5.7
2004	4	29	44.5	6.9	28.3	-2.1	36.4	2.5
2004	4	30	51.0	10.6	42.0	5.6	46.1	7.8
2004	5	1	56.7	13.7	48.5	9.2	52.6	11.4
2004	5	2	59.5	15.3	53.4	11.9	57.2	14.0

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2004	5	3	53.5	11.9	29.8	-1.2	36.5	2.5
2004	5	7	55.8	13.2	38.5	3.6	49.2	9.6
2004	5	8	38.9	3.8	27.7	-2.4	33.4	0.8
2004	5	9	55.5	13.1	37.1	2.8	48.0	8.9
2004	5	10	58.0	14.4	51.4	10.8	54.9	12.7
2004	5	11	60.8	16.0	54.6	12.6	57.1	13.9
2004	5	12	62.1	16.7	57.4	14.1	60.0	15.5
2004	5	13	61.9	16.6	53.6	12.0	57.9	14.4
2004	5	14	62.3	16.8	58.7	14.8	60.4	15.8
2004	5	15	62.1	16.7	56.9	13.8	59.2	15.1
2004	5	16	56.6	13.7	51.0	10.6	53.0	11.7
2004	5	17	59.0	15.0	49.0	9.4	54.2	12.3
2004	5	18	62.5	16.9	57.7	14.3	59.6	15.4
2004	5	19	61.4	16.3	51.0	10.6	55.2	12.9
2004	5	20	57.2	14.0	48.5	9.2	52.2	11.2
2004	5	21	64.7	18.2	57.5	14.2	61.5	16.4
2004	5	22	65.2	18.4	59.1	15.1	62.0	16.6
2004	5	23	67.1	19.5	61.4	16.3	63.8	17.7
2004	5	24	63.8	17.7	54.9	12.7	60.0	15.5
2004	5	25	57.5	14.2	49.2	9.6	52.8	11.5
2004	5	26	60.7	15.9	57.0	13.9	58.9	14.9
2004	5	27	59.2	15.1	50.3	10.2	55.5	13.0
2004	5	28	61.0	16.1	41.3	5.2	54.2	12.3
2004	5	29	41.5	5.3	27.2	-2.7	32.8	0.5
2004	5	30	47.4	8.6	34.1	1.2	39.5	4.2
2004	5	31	50.8	10.4	41.3	5.2	47.4	8.5
2004	6	1	53.4	11.9	48.5	9.2	51.5	10.8
2004	6	2	54.5	12.5	48.7	9.3	51.2	10.7
2004	6	3	53.3	11.8	40.5	4.7	47.0	8.3
2004	6	4	50.7	10.4	32.5	0.3	42.1	5.6
2004	6	5	49.2	9.6	45.0	7.2	47.6	8.7
2004	6	6	52.5	11.4	45.7	7.6	48.7	9.3
2004	6	7	59.0	15.0	48.2	9.0	53.9	12.2
2004	6	8	61.2	16.2	53.0	11.7	56.8	13.8
2004	6	9	66.6	19.2	57.4	14.1	63.0	17.2
2004	6	10	64.4	18.0	53.5	11.9	60.3	15.7
2004	6	11	53.1	11.7	45.0	7.2	49.6	9.8
2004	6	12	50.6	10.3	37.2	2.9	43.2	6.2
2004	6	13	50.4	10.2	44.0	6.7	46.8	8.2
2004	6	14	66.4	19.1	50.7	10.4	59.1	15.1
2004	6	15	64.7	18.2	61.5	16.4	62.7	17.1
2004	6	16	68.4	20.2	59.9	15.5	62.8	17.1
2004	6	17	68.7	20.4	63.7	17.6	66.5	19.2
2004	6	18	66.6	19.2	59.9	15.5	64.5	18.1
2004	6	19	64.0	17.8	35.9	2.2	52.4	11.4
2004	6	20	47.6	8.7	39.2	4.0	41.6	5.3

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2004	6	21	52.1	11.2	42.7	5.9	46.8	8.2
2004	6	22	65.4	18.6	54.7	12.6	60.6	15.9
2004	6	23	61.6	16.4	49.2	9.6	54.9	12.7
2004	6	24	58.8	14.9	51.0	10.6	54.1	12.3
2004	6	25	58.3	14.6	49.7	9.8	55.4	13.0
2004	6	26	60.1	15.6	40.5	4.7	50.9	10.5
2004	6	27	50.2	10.1	41.5	5.3	45.3	7.4
2004	6	28	55.9	13.3	46.8	8.2	51.3	10.7
2004	6	29	53.4	11.9	47.9	8.8	50.2	10.1
2004	6	30	57.2	14.0	49.1	9.5	53.1	11.7
2004	7	1	60.4	15.8	52.7	11.5	57.1	13.9
2004	7	2	62.8	17.1	55.0	12.8	59.2	15.1
2004	7	3	59.8	15.4	46.7	8.2	53.4	11.9
2004	7	4	61.1	16.2	56.4	13.6	58.6	14.8
2004	7	5	67.3	19.6	59.7	15.4	63.0	17.2
2004	7	6	58.6	14.8	49.6	9.8	54.1	12.3
2004	7	7	67.3	19.6	55.3	12.9	61.1	16.2
2004	7	8	63.7	17.6	54.5	12.5	59.9	15.5
2004	7	9	58.0	14.4	49.7	9.8	53.0	11.7
2004	7	10	59.6	15.3	51.7	10.9	55.1	12.9
2004	7	11	64.4	18.0	55.9	13.3	59.1	15.1
2004	7	12	62.1	16.7	58.8	14.9	60.6	15.9
2004	7	13	62.4	16.9	58.4	14.7	60.0	15.6
2004	7	14	63.0	17.2	58.2	14.6	60.8	16.0
2004	7	15	60.4	15.8	53.7	12.1	56.8	13.8
2004	7	16	62.0	16.7	52.8	11.6	57.2	14.0
2004	7	17	62.1	16.7	53.0	11.7	57.9	14.4
2004	7	18	60.6	15.9	56.1	13.4	58.5	14.7
2004	7	19	60.4	15.8	56.9	13.8	58.7	14.8
2004	7	20	61.5	16.4	54.0	12.2	58.8	14.9
2004	7	21	64.6	18.1	55.5	13.1	59.8	15.5
2004	7	22	65.1	18.4	59.9	15.5	63.1	17.3
2004	7	23	66.9	19.4	60.5	15.8	64.6	18.1
2004	7	24	58.3	14.6	45.3	7.4	50.6	10.3
2004	7	25	59.7	15.4	50.2	10.1	55.0	12.8
2004	7	26	59.7	15.4	55.6	13.1	57.2	14.0
2004	7	27	62.0	16.7	52.4	11.3	58.2	14.6
2004	7	28	62.1	16.7	58.4	14.7	60.1	15.6
2004	7	29	63.1	17.3	57.1	13.9	59.2	15.1
2004	7	30	67.3	19.6	57.8	14.3	63.3	17.4
2004	7	31	67.2	19.6	63.8	17.7	65.6	18.7
2004	8	1	67.3	19.6	64.6	18.1	65.4	18.5
2004	8	2	67.4	19.7	59.4	15.2	62.7	17.1
2004	8	3	66.3	19.1	61.0	16.1	63.3	17.4
2004	8	4	64.2	17.9	60.0	15.6	62.0	16.7
2004	8	5	60.6	15.9	43.2	6.2	53.1	11.7

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2004	8	6	49.3	9.6	41.1	5.1	44.5	6.9
2004	8	7	49.1	9.5	43.0	6.1	46.8	8.2
2004	8	8	58.3	14.6	48.7	9.3	51.6	10.9
2004	8	9	57.6	14.2	49.2	9.6	53.0	11.6
2004	8	10	61.2	16.2	54.8	12.7	58.2	14.6
2004	8	11	62.9	17.2	59.5	15.3	60.9	16.1
2004	8	12	62.8	17.1	59.6	15.3	61.3	16.3
2004	8	13	61.4	16.3	57.7	14.3	59.7	15.4
2004	8	14	59.6	15.3	53.5	11.9	56.2	13.4
2004	8	15	59.9	15.5	57.0	13.9	58.0	14.4
2004	8	16	59.4	15.2	55.1	12.8	56.8	13.8
2004	8	17	57.1	13.9	51.4	10.8	54.0	12.2
2004	8	18	60.3	15.7	55.1	12.8	56.9	13.8
2004	8	19	64.0	17.8	58.4	14.7	61.7	16.5
2004	8	20	65.8	18.8	59.7	15.4	62.6	17.0
2004	8	21	64.8	18.2	53.5	11.9	59.2	15.1
2004	8	22	52.5	11.4	45.9	7.7	49.2	9.6
2004	8	23	61.2	16.2	48.1	8.9	54.3	12.4
2004	8	24	64.8	18.2	58.3	14.6	60.6	15.9
2004	8	25	61.4	16.3	52.8	11.6	57.9	14.4
2004	8	26	60.7	15.9	47.3	8.5	56.4	13.5
2004	8	27	66.3	19.1	59.4	15.2	63.5	17.5
2004	8	28	68.4	20.2	61.8	16.6	64.9	18.3
2004	8	29	68.2	20.1	62.0	16.7	64.4	18.0
2004	8	30	67.3	19.6	62.2	16.8	64.4	18.0
2004	8	31	63.1	17.3	53.1	11.7	57.4	14.1
2004	9	1	56.7	13.7	51.9	11.1	53.9	12.2
2004	9	2	57.7	14.3	49.1	9.5	53.0	11.7
2004	9	3	59.7	15.4	51.7	10.9	55.6	13.1
2004	9	4	63.3	17.4	52.6	11.4	58.2	14.6
2004	9	5	60.5	15.8	51.6	10.9	57.2	14.0
2004	9	6	55.4	13.0	47.9	8.8	51.5	10.8
2004	9	7	63.6	17.6	55.7	13.2	59.0	15.0
2004	9	8	64.1	17.8	61.3	16.3	62.4	16.9
2004	9	9	66.3	19.1	53.7	12.1	62.9	17.2
2004	9	10	57.1	13.9	52.4	11.3	54.6	12.6
2004	9	11	54.5	12.5	50.2	10.1	52.6	11.4
2004	9	12	59.3	15.2	51.3	10.7	54.6	12.6
2004	9	13	59.7	15.4	52.7	11.5	56.1	13.4
2004	9	14	58.1	14.5	51.8	11.0	55.4	13.0
2004	9	15	57.8	14.3	50.7	10.4	53.8	12.1
2004	9	16	60.4	15.8	57.5	14.2	59.2	15.1
2004	9	17	63.6	17.6	55.5	13.1	59.2	15.1
2004	9	18	55.5	13.1	38.1	3.4	49.0	9.4
2004	9	19	40.3	4.6	34.5	1.4	37.1	2.8
2004	9	20	50.3	10.2	38.7	3.7	43.4	6.3

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2004	9	21	56.9	13.8	43.8	6.6	48.6	9.2
2004	9	22	55.1	12.8	44.0	6.7	49.7	9.8
2004	9	23	62.1	16.7	48.7	9.3	55.0	12.8
2004	9	24	59.3	15.2	53.8	12.1	57.1	13.9
2004	9	25	59.7	15.4	51.9	11.1	56.2	13.5
2004	9	26	59.5	15.3	48.4	9.1	52.0	11.1
2004	9	27	58.2	14.6	46.5	8.1	51.8	11.0
2004	9	28	58.6	14.8	55.0	12.8	57.9	14.4
2004	9	29	55.7	13.2	50.2	10.1	52.7	11.5
2004	9	30	54.1	12.3	42.6	5.9	49.2	9.6
2004	10	1	48.9	9.4	38.3	3.5	43.7	6.5
2004	10	2	56.7	13.7	44.2	6.8	51.9	11.1
2004	10	3	44.1	6.7	37.2	2.9	40.4	4.7
2004	10	4	48.6	9.2	36.6	2.6	40.5	4.7
2004	10	5	36.6	2.6	26.7	-2.9	32.4	0.2
2004	10	6	39.8	4.3	30.8	-0.7	34.1	1.2
2004	10	7	48.6	9.2	34.6	1.4	41.0	5.0
2004	10	8	50.0	10.0	42.0	5.6	46.3	8.0
2004	10	9	51.2	10.7	43.2	6.2	47.6	8.7
2004	10	10	50.6	10.3	35.4	1.9	40.8	4.9
2004	10	11	37.5	3.1	30.9	-0.6	33.1	0.6
2004	10	12	37.0	2.8	30.3	-0.9	33.2	0.7
2004	10	13	43.2	6.2	32.9	0.5	37.6	3.1
2004	10	14	46.6	8.1	41.8	5.4	44.4	6.9
2004	10	15	50.5	10.3	42.4	5.8	46.7	8.2
2004	10	16	41.5	5.3	33.6	0.9	38.2	3.4
2004	10	17	32.8	0.4	27.7	-2.4	30.0	-1.1
2004	10	18	40.3	4.6	30.3	-0.9	33.7	1.0
2004	10	19	40.2	4.6	38.7	3.7	39.5	4.2
2004	10	20	41.7	5.4	38.2	3.4	39.5	4.2
2004	10	21	41.0	5.0	38.1	3.4	40.1	4.5
2004	10	22	38.9	3.8	33.1	0.6	36.1	2.3
2004	10	23	33.8	1.0	29.7	-1.3	31.4	-0.3
2004	10	24	36.7	2.6	29.7	-1.3	32.6	0.3
2004	10	25	42.6	5.9	36.9	2.7	39.9	4.4
2004	10	26	42.6	5.9	38.3	3.5	40.3	4.6
2004	10	27	40.5	4.7	35.2	1.8	37.5	3.1
2004	10	28	37.9	3.3	26.7	-2.9	32.8	0.5
2004	10	29	45.1	7.3	31.5	-0.3	39.0	3.9
2004	10	30	54.9	12.7	45.8	7.7	50.1	10.1
2004	10	31	54.6	12.6	35.5	1.9	42.7	5.9
2004	11	1	35.6	2.0	32.9	0.5	34.3	1.3
2004	11	2	48.6	9.2	31.9	-0.1	37.8	3.2
2004	11	4	39.1	3.9	26.6	-3.0	32.1	0.1
2004	11	5	39.8	4.3	19.4	-7.0	26.6	-3.0
2004	11	6	31.7	-0.2	23.5	-4.7	27.6	-2.4

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2004	11	7	40.7	4.8	29.7	-1.3	35.6	2.0
2004	11	8	34.7	1.5	11.4	-11.4	19.2	-7.1
2004	11	9	24.4	-4.2	11.9	-11.2	16.5	-8.6
2004	11	10	25.5	-3.6	17.6	-8.0	20.1	-6.6
2004	11	11	34.3	1.3	26.1	-3.3	29.3	-1.5
2004	11	12	32.1	0.1	29.0	-1.7	30.6	-0.8
2004	11	13	28.9	-1.7	10.2	-12.1	18.4	-7.5
2004	11	14	22.1	-5.5	10.6	-11.9	17.6	-8.0
2004	11	15	26.3	-3.2	19.4	-7.0	23.1	-5.0
2004	11	16	28.7	-1.8	22.7	-5.2	25.8	-3.4
2004	11	17	34.6	1.4	24.8	-4.0	29.4	-1.5
2004	11	18	44.6	7.0	34.6	1.4	40.8	4.9
2004	11	19	44.4	6.9	36.4	2.4	41.1	5.0
2004	11	20	41.2	5.1	35.8	2.1	38.8	3.8
2004	11	21	45.5	7.5	38.0	3.3	42.5	5.8
2004	11	22	38.2	3.4	32.5	0.3	34.8	1.6
2004	11	23	40.3	4.6	29.4	-1.4	34.6	1.5
2004	11	24	54.2	12.3	40.8	4.9	45.7	7.6
2004	11	25	54.6	12.6	15.3	-9.3	38.3	3.5
2004	11	26	24.2	-4.3	11.5	-11.4	18.4	-7.6
2004	11	27	38.0	3.3	18.2	-7.7	24.4	-4.2
2004	11	28	47.8	8.8	24.6	-4.1	37.5	3.0
2004	11	29	26.5	-3.1	19.8	-6.8	22.9	-5.0
2004	11	30	30.4	-0.9	26.4	-3.1	27.6	-2.5
2004	12	1	41.8	5.4	22.2	-5.4	31.8	-0.1
2004	12	2	24.9	-3.9	20.8	-6.2	23.0	-5.0
2004	12	3	25.8	-3.4	12.5	-10.8	20.0	-6.7
2004	12	4	22.6	-5.2	13.6	-10.2	18.2	-7.7
2004	12	5	29.9	-1.2	21.4	-5.9	25.0	-3.9
2004	12	6	33.2	0.7	18.1	-7.7	25.8	-3.5
2004	12	7	43.2	6.2	32.6	0.3	35.8	2.1
2004	12	8	42.3	5.7	26.0	-3.3	34.4	1.3
2004	12	9	36.1	2.3	26.9	-2.8	29.5	-1.4
2004	12	10	37.4	3.0	35.9	2.2	36.7	2.6
2004	12	11	39.6	4.2	28.7	-1.8	34.9	1.6
2004	12	12	29.0	-1.7	22.6	-5.2	25.9	-3.4
2004	12	13	30.0	-1.1	18.2	-7.7	24.4	-4.2
2004	12	14	23.8	-4.6	7.0	-13.9	13.8	-10.1
2004	12	15	16.2	-8.8	3.2	-16.0	10.9	-11.7
2004	12	16	14.5	-9.7	7.6	-13.6	12.2	-11.0
2004	12	17	23.3	-4.8	11.7	-11.3	16.2	-8.8
2004	12	18	21.8	-5.7	13.2	-10.4	17.5	-8.1
2004	12	19	29.6	-1.3	-1.2	-18.4	19.7	-6.8
2004	12	20	-4.4	-20.2	-15.8	-26.6	-11.8	-24.3
2004	12	21	13.4	-10.3	-6.7	-21.5	3.4	-15.9
2004	12	22	26.7	-2.9	12.6	-10.8	19.6	-6.9

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2004	12	23	49.8	9.9	17.0	-8.3	37.6	3.1
2004	12	24	16.9	-8.4	6.7	-14.1	10.8	-11.8
2004	12	25	11.2	-11.6	1.5	-16.9	5.1	-15.0
2004	12	26	14.0	-10.0	5.6	-14.7	8.9	-12.8
2004	12	27	10.0	-12.2	-6.8	-21.6	0.7	-17.4
2004	12	28	10.1	-12.2	-3.4	-19.7	4.9	-15.0
2004	12	29	23.3	-4.8	9.3	-12.6	16.0	-8.9
2004	12	30	28.5	-1.9	24.1	-4.4	27.1	-2.7
2004	12	31	37.2	2.9	27.5	-2.5	32.7	0.4
2005	1	1	39.2	4.0	22.2	-5.4	32.3	0.2
2005	1	2	34.9	1.6	22.7	-5.2	25.9	-3.4
2005	1	3	39.4	4.1	35.0	1.7	37.0	2.8
2005	1	4	39.3	4.1	31.9	-0.1	35.9	2.1
2005	1	5	31.4	-0.3	24.0	-4.4	28.2	-2.1
2005	1	6	30.1	-1.1	24.8	-4.0	28.3	-2.1
2005	1	7	30.3	-0.9	17.5	-8.1	20.9	-6.2
2005	1	8	31.9	-0.1	23.3	-4.8	27.8	-2.3
2005	1	9	25.6	-3.6	20.8	-6.2	22.8	-5.1
2005	1	10	30.4	-0.9	24.2	-4.3	27.3	-2.6
2005	1	11	28.9	-1.7	24.1	-4.4	25.8	-3.4
2005	1	12	33.5	0.8	29.3	-1.5	31.7	-0.2
2005	1	13	52.4	11.3	33.2	0.7	42.7	6.0
2005	1	14	54.0	12.2	15.5	-9.2	31.9	-0.1
2005	1	15	15.1	-9.4	5.7	-14.6	9.3	-12.6
2005	1	16	17.9	-7.8	12.4	-10.9	14.7	-9.6
2005	1	17	14.4	-9.8	-4.6	-20.3	5.5	-14.7
2005	1	18	-1.4	-18.6	-15.1	-26.2	-9.7	-23.1
2005	1	19	12.8	-10.7	-7.8	-22.1	1.9	-16.8
2005	1	20	13.6	-10.2	0.2	-17.7	7.8	-13.4
2005	1	21	0.3	-17.6	-11.9	-24.4	-6.8	-21.6
2005	1	22	12.4	-10.9	-10.8	-23.8	-0.8	-18.2
2005	1	23	9.8	-12.3	-7.1	-21.7	-0.1	-17.8
2005	1	24	10.1	-12.2	-8.3	-22.4	-0.2	-17.9
2005	1	25	17.9	-7.8	7.0	-13.9	14.5	-9.7
2005	1	26	23.5	-4.7	2.5	-16.4	16.6	-8.5
2005	1	27	1.3	-17.1	-12.6	-24.8	-7.8	-22.1
2005	1	28	1.7	-16.8	-12.3	-24.6	-4.4	-20.2
2005	1	29	14.8	-9.6	-6.9	-21.6	0.6	-17.5
2005	1	30	18.3	-7.6	7.2	-13.8	14.2	-9.9
2005	1	31	14.4	-9.8	7.0	-13.9	12.1	-11.0
2005	2	1	13.6	-10.2	3.6	-15.8	9.9	-12.3
2005	2	2	16.1	-8.8	4.8	-15.1	11.4	-11.4
2005	2	3	17.6	-8.0	11.1	-11.6	13.4	-10.3
2005	2	4	25.6	-3.6	15.1	-9.4	21.0	-6.1
2005	2	5	22.6	-5.2	16.0	-8.9	20.4	-6.5
2005	2	6	24.6	-4.1	18.9	-7.3	22.0	-5.6

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

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Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2005	2	7	24.2	-4.3	19.8	-6.8	22.2	-5.5
2005	2	8	30.7	-0.7	23.1	-4.9	27.0	-2.8
2005	2	9	37.8	3.2	30.2	-1.0	33.8	1.0
2005	2	10	36.9	2.7	14.7	-9.6	24.1	-4.4
2005	2	11	14.3	-9.8	3.0	-16.1	7.0	-13.9
2005	2	12	26.1	-3.3	11.6	-11.3	19.9	-6.7
2005	2	13	16.9	-8.4	6.3	-14.3	10.8	-11.8
2005	2	14	39.2	4.0	9.1	-12.7	22.7	-5.2
2005	2	15	40.1	4.5	30.2	-1.0	33.4	0.8
2005	2	16	38.7	3.7	17.9	-7.8	29.3	-1.5
2005	2	17	23.1	-4.9	11.7	-11.3	16.9	-8.4
2005	2	18	11.4	-11.4	-1.2	-18.4	4.6	-15.2
2005	2	19	11.9	-11.2	-1.0	-18.3	4.4	-15.3
2005	2	20	24.3	-4.3	9.5	-12.5	14.3	-9.8
2005	2	21	29.3	-1.5	20.8	-6.2	25.4	-3.7
2005	2	22	28.2	-2.1	20.1	-6.6	24.8	-4.0
2005	2	23	28.5	-1.9	10.1	-12.2	16.7	-8.5
2005	2	24	18.2	-7.7	7.3	-13.7	12.1	-11.0
2005	2	25	16.5	-8.6	10.2	-12.1	14.1	-10.0
2005	2	26	21.7	-5.7	7.5	-13.6	12.8	-10.7
2005	2	27	12.5	-10.8	4.2	-15.4	7.4	-13.7
2005	2	28	23.4	-4.8	8.0	-13.3	15.4	-9.2
2005	3	1	26.4	-3.1	19.6	-6.9	21.6	-5.8
2005	3	2	22.6	-5.2	11.7	-11.3	16.0	-8.9
2005	3	3	10.9	-11.7	1.4	-17.0	4.1	-15.5
2005	3	4	12.1	-11.1	3.4	-15.9	7.6	-13.5
2005	3	5	14.2	-9.9	4.2	-15.4	9.8	-12.3
2005	3	6	26.5	-3.1	11.0	-11.7	18.3	-7.6
2005	3	7	32.5	0.3	23.8	-4.6	26.5	-3.1
2005	3	8	39.0	3.9	-5.4	-20.8	16.2	-8.8
2005	3	9	4.7	-15.2	-6.8	-21.6	0.4	-17.6
2005	3	10	9.8	-12.3	0.9	-17.3	5.0	-15.0
2005	3	11	28.5	-1.9	10.2	-12.1	20.8	-6.3
2005	3	12	28.2	-2.1	14.3	-9.8	20.7	-6.3
2005	3	13	21.7	-5.7	10.2	-12.1	16.3	-8.7
2005	3	14	16.6	-8.6	6.6	-14.1	10.0	-12.2
2005	3	15	13.9	-10.1	8.0	-13.3	10.3	-12.1
2005	3	16	16.0	-8.9	8.7	-12.9	12.4	-10.9
2005	3	17	20.9	-6.2	14.8	-9.6	16.7	-8.5
2005	3	18	23.6	-4.7	16.3	-8.7	19.3	-7.1
2005	3	19	22.9	-5.1	16.1	-8.8	19.4	-7.0
2005	3	20	36.8	2.7	24.2	-4.3	32.2	0.1
2005	3	21	34.4	1.3	23.9	-4.5	28.6	-1.9
2005	3	22	27.0	-2.8	22.0	-5.6	24.4	-4.2
2005	3	23	30.6	-0.8	21.6	-5.8	26.6	-3.0
2005	3	24	29.1	-1.6	26.3	-3.2	27.3	-2.6

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

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Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2005	3	25	30.8	-0.7	23.1	-4.9	27.7	-2.4
2005	3	26	27.8	-2.3	20.9	-6.2	24.0	-4.4
2005	3	27	35.3	1.8	26.1	-3.3	30.4	-0.9
2005	3	28	40.2	4.6	30.3	-0.9	34.9	1.6
2005	3	29	40.6	4.8	32.3	0.2	35.2	1.8
2005	3	30	33.5	0.8	25.8	-3.4	29.9	-1.2
2005	3	31	34.9	1.6	28.6	-1.9	31.1	-0.5
2005	4	1	38.6	3.7	32.5	0.3	35.9	2.1
2005	4	2	49.1	9.5	37.3	2.9	42.3	5.7
2005	4	3	44.9	7.2	27.7	-2.4	32.6	0.3
2005	4	4	29.0	-1.7	10.6	-11.9	21.6	-5.8
2005	4	5	29.0	-1.7	19.9	-6.7	24.3	-4.3
2005	4	6	40.9	4.9	29.3	-1.5	34.8	1.6
2005	4	7	51.0	10.6	38.9	3.8	43.4	6.3
2005	4	8	50.7	10.4	24.5	-4.2	32.9	0.5
2005	4	9	29.0	-1.7	11.3	-11.5	22.5	-5.3
2005	4	10	29.8	-1.2	18.0	-7.8	26.2	-3.2
2005	4	11	24.6	-4.1	9.7	-12.4	16.6	-8.6
2005	4	12	20.1	-6.6	8.5	-13.1	14.2	-9.9
2005	4	13	23.0	-5.0	16.9	-8.4	20.0	-6.7
2005	4	14	27.1	-2.7	21.8	-5.7	24.2	-4.3
2005	4	15	30.2	-1.0	5.8	-14.6	17.4	-8.1
2005	4	16	24.3	-4.3	10.5	-11.9	17.3	-8.2
2005	4	17	26.8	-2.9	18.9	-7.3	23.5	-4.8
2005	4	18	36.1	2.3	26.9	-2.8	32.3	0.2
2005	4	19	41.8	5.4	31.1	-0.5	35.6	2.0
2005	4	20	48.8	9.3	41.5	5.3	43.7	6.5
2005	4	21	49.9	9.9	19.9	-6.7	28.0	-2.2
2005	4	22	35.2	1.8	25.0	-3.9	29.9	-1.2
2005	4	23	49.1	9.5	36.0	2.2	43.9	6.6
2005	4	24	43.9	6.6	26.1	-3.3	30.4	-0.9
2005	4	25	30.3	-0.9	25.3	-3.7	28.2	-2.1
2005	4	26	35.8	2.1	28.4	-2.0	31.8	-0.1
2005	4	27	45.2	7.3	28.4	-2.0	38.4	3.6
2005	4	28	32.7	0.4	24.2	-4.3	29.0	-1.7
2005	4	29	36.1	2.3	24.2	-4.3	30.1	-1.1
2005	4	30	49.2	9.6	35.5	1.9	43.0	6.1
2005	5	1	48.4	9.1	24.7	-4.1	33.4	0.8
2005	5	2	35.0	1.7	27.5	-2.5	30.3	-1.0
2005	5	3	30.0	-1.1	20.4	-6.4	26.5	-3.1
2005	5	7	33.0	0.6	26.0	-3.3	29.8	-1.2
2005	5	8	33.5	0.8	24.9	-3.9	29.4	-1.4
2005	5	9	43.6	6.4	33.9	1.1	37.9	3.3
2005	5	10	47.1	8.4	40.9	4.9	44.0	6.6
2005	5	11	53.8	12.1	44.2	6.8	48.9	9.4
2005	5	12	50.8	10.4	20.8	-6.2	33.1	0.6

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2005	5	13	36.3	2.4	22.1	-5.5	27.3	-2.6
2005	5	14	56.8	13.8	37.3	2.9	47.1	8.4
2005	5	15	56.4	13.6	38.9	3.8	48.6	9.2
2005	5	16	42.3	5.7	32.3	0.2	35.8	2.1
2005	5	17	37.8	3.2	31.0	-0.6	34.2	1.2
2005	5	18	37.2	2.9	28.1	-2.2	32.6	0.3
2005	5	19	39.4	4.1	27.4	-2.6	32.9	0.5
2005	5	20	42.7	5.9	36.5	2.5	40.2	4.5
2005	5	21	44.3	6.8	33.4	0.8	39.8	4.3
2005	5	22	44.2	6.8	35.3	1.8	39.6	4.2
2005	5	23	43.8	6.6	37.5	3.1	39.4	4.1
2005	5	24	43.8	6.6	39.1	3.9	41.9	5.5
2005	5	25	42.5	5.8	39.6	4.2	41.2	5.1
2005	5	26	44.6	7.0	37.6	3.1	41.9	5.5
2005	5	27	49.3	9.6	40.6	4.8	44.1	6.7
2005	5	28	50.7	10.4	42.8	6.0	46.7	8.2
2005	5	29	48.5	9.2	44.0	6.7	45.8	7.7
2005	5	30	48.6	9.2	39.8	4.3	44.6	7.0
2005	5	31	52.6	11.4	43.1	6.2	46.7	8.2
2005	6	1	51.1	10.6	44.0	6.7	48.4	9.1
2005	6	2	50.0	10.0	45.1	7.3	47.2	8.4
2005	6	3	55.2	12.9	48.8	9.3	52.0	11.1
2005	6	4	58.4	14.7	54.0	12.2	56.1	13.4
2005	6	5	63.9	17.7	54.5	12.5	58.5	14.7
2005	6	6	64.4	18.0	56.9	13.8	60.2	15.7
2005	6	7	61.3	16.3	55.7	13.2	58.2	14.6
2005	6	8	61.9	16.6	55.7	13.2	58.7	14.8
2005	6	9	64.6	18.1	59.0	15.0	61.9	16.6
2005	6	10	66.9	19.4	62.6	17.0	64.7	18.2
2005	6	11	69.1	20.6	65.3	18.5	66.9	19.4
2005	6	12	67.5	19.7	58.7	14.8	63.6	17.5
2005	6	13	67.3	19.6	59.5	15.3	63.5	17.5
2005	6	14	66.5	19.2	61.6	16.4	63.7	17.6
2005	6	15	65.6	18.7	53.5	11.9	57.8	14.3
2005	6	16	58.8	14.9	50.9	10.5	56.1	13.4
2005	6	17	51.0	10.6	44.3	6.8	46.8	8.2
2005	6	18	50.8	10.4	47.5	8.6	49.1	9.5
2005	6	19	53.1	11.7	47.5	8.6	49.7	9.8
2005	6	20	53.6	12.0	48.1	8.9	50.5	10.3
2005	6	21	53.8	12.1	48.4	9.1	50.8	10.5
2005	6	22	55.7	13.2	38.4	3.6	50.3	10.2
2005	6	23	48.4	9.1	39.4	4.1	42.8	6.0
2005	6	24	56.5	13.6	44.0	6.7	51.4	10.8
2005	6	25	60.5	15.8	54.1	12.3	57.0	13.9
2005	6	26	65.9	18.8	57.8	14.3	61.4	16.3
2005	6	27	64.6	18.1	57.2	14.0	61.3	16.3

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2005	6	28	63.9	17.7	57.9	14.4	62.4	16.9
2005	6	29	63.9	17.7	60.5	15.8	62.7	17.0
2005	6	30	63.4	17.4	60.0	15.6	61.8	16.5
2005	7	1	62.7	17.1	58.1	14.5	60.5	15.8
2005	7	2	61.5	16.4	46.0	7.8	50.9	10.5
2005	7	3	50.3	10.2	45.7	7.6	48.2	9.0
2005	7	4	58.2	14.6	47.1	8.4	53.6	12.0
2005	7	5	64.1	17.8	56.2	13.4	60.8	16.0
2005	7	6	61.6	16.4	58.5	14.7	60.2	15.7
2005	7	7	60.5	15.8	57.8	14.3	58.9	15.0
2005	7	8	57.4	14.1	55.1	12.8	56.0	13.3
2005	7	9	56.9	13.8	51.9	11.1	54.1	12.3
2005	7	10	56.2	13.4	46.8	8.2	52.9	11.6
2005	7	11	66.4	19.1	49.3	9.6	57.0	13.9
2005	7	12	65.6	18.7	59.0	15.0	62.7	17.1
2005	7	13	65.0	18.3	59.5	15.3	62.1	16.7
2005	7	14	64.0	17.8	59.8	15.4	61.6	16.4
2005	7	15	64.1	17.8	60.2	15.7	62.5	17.0
2005	7	16	66.3	19.1	63.0	17.2	64.6	18.1
2005	7	17	69.1	20.6	64.4	18.0	66.2	19.0
2005	7	18	66.7	19.3	65.5	18.6	66.0	18.9
2005	7	19	66.5	19.2	61.0	16.1	64.2	17.9
2005	7	20	61.7	16.5	54.1	12.3	58.4	14.6
2005	7	21	60.6	15.9	54.3	12.4	56.9	13.8
2005	7	22	64.5	18.1	58.0	14.4	61.3	16.3
2005	7	23	60.6	15.9	43.4	6.3	50.9	10.5
2005	7	24	53.8	12.1	47.0	8.3	49.6	9.8
2005	7	25	65.5	18.6	56.0	13.3	61.1	16.1
2005	7	26	66.8	19.3	55.5	13.1	61.1	16.1
2005	7	27	69.4	20.8	52.3	11.3	61.4	16.4
2005	7	28	52.6	11.4	46.6	8.1	49.7	9.8
2005	7	29	58.6	14.8	48.8	9.3	53.6	12.0
2005	7	30	56.2	13.4	49.2	9.6	52.8	11.6
2005	7	31	60.2	15.7	54.1	12.3	56.1	13.4
2005	8	1	61.9	16.6	56.3	13.5	59.0	15.0
2005	8	2	66.3	19.1	56.2	13.4	61.1	16.2
2005	8	3	64.2	17.9	59.1	15.1	61.5	16.4
2005	8	4	62.9	17.2	53.2	11.8	59.9	15.5
2005	8	5	64.6	18.1	58.5	14.7	61.8	16.6
2005	8	6	59.8	15.4	47.9	8.8	53.3	11.8
2005	8	7	62.0	16.7	54.5	12.5	58.2	14.6
2005	8	8	64.9	18.3	59.0	15.0	61.5	16.4
2005	8	9	60.4	15.8	57.8	14.3	58.8	14.9
2005	8	10	61.0	16.1	56.4	13.6	58.8	14.9
2005	8	11	61.7	16.5	57.2	14.0	60.0	15.5
2005	8	12	64.9	18.3	55.5	13.1	59.9	15.5

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2005	8	13	65.8	18.8	59.5	15.3	62.3	16.8
2005	8	14	65.2	18.4	61.0	16.1	62.5	17.0
2005	8	15	58.6	14.8	53.2	11.8	54.9	12.7
2005	8	16	59.8	15.4	57.9	14.4	58.8	14.9
2005	8	17	57.8	14.3	49.0	9.4	53.4	11.9
2005	8	18	54.7	12.6	47.6	8.7	50.5	10.3
2005	8	19	59.0	15.0	54.6	12.6	56.6	13.7
2005	8	20	62.6	17.0	55.2	12.9	59.4	15.2
2005	8	21	63.7	17.6	47.3	8.5	57.4	14.1
2005	8	22	53.1	11.7	44.6	7.0	48.9	9.4
2005	8	23	49.3	9.6	44.6	7.0	46.9	8.3
2005	8	24	48.6	9.2	40.4	4.7	45.1	7.3
2005	8	25	48.1	8.9	42.3	5.7	44.7	7.1
2005	8	26	51.7	10.9	46.6	8.1	48.9	9.4
2005	8	27	56.8	13.8	47.7	8.7	51.9	11.0
2005	8	28	60.6	15.9	56.3	13.5	58.5	14.7
2005	8	29	63.2	17.3	54.7	12.6	59.6	15.4
2005	8	30	66.0	18.9	59.2	15.1	63.0	17.2
2005	8	31	65.1	18.4	56.4	13.6	62.5	16.9
2005	9	1	56.4	13.6	49.0	9.4	53.1	11.7
2005	9	2	55.9	13.3	43.8	6.6	49.9	10.0
2005	9	3	48.3	9.1	44.2	6.8	46.5	8.1
2005	9	4	50.7	10.4	44.7	7.1	47.2	8.4
2005	9	5	49.7	9.8	44.2	6.8	47.1	8.4
2005	9	6	51.2	10.7	44.9	7.2	47.6	8.7
2005	9	7	51.0	10.6	45.1	7.3	48.4	9.1
2005	9	8	49.8	9.9	44.9	7.2	47.4	8.5
2005	9	9	52.1	11.2	44.0	6.7	47.6	8.7
2005	9	10	47.3	8.5	35.2	1.8	42.4	5.8
2005	9	11	44.8	7.1	37.4	3.0	41.3	5.2
2005	9	12	54.2	12.3	40.1	4.5	47.1	8.4
2005	9	13	56.0	13.3	48.6	9.2	51.3	10.7
2005	9	14	61.0	16.1	47.4	8.6	55.0	12.8
2005	9	15	61.5	16.4	55.8	13.2	58.9	15.0
2005	9	16	62.1	16.7	56.6	13.7	59.3	15.2
2005	9	17	59.5	15.3	51.9	11.1	56.5	13.6
2005	9	18	52.9	11.6	48.1	8.9	49.7	9.8
2005	9	19	51.9	11.1	44.6	7.0	47.5	8.6
2005	9	20	57.2	14.0	47.3	8.5	53.6	12.0
2005	9	21	51.1	10.6	44.0	6.7	46.8	8.2
2005	9	22	55.9	13.3	42.3	5.7	48.9	9.4
2005	9	23	56.0	13.3	40.7	4.8	52.7	11.5
2005	9	24	43.6	6.4	36.0	2.2	39.8	4.3
2005	9	25	53.3	11.8	40.5	4.7	48.3	9.1
2005	9	26	59.6	15.3	53.7	12.1	56.7	13.7
2005	9	27	57.0	13.9	34.3	1.3	40.8	4.9

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2005	9	28	46.8	8.2	33.8	1.0	40.4	4.7
2005	9	29	51.2	10.7	28.8	-1.8	42.2	5.7
2005	9	30	37.8	3.2	31.3	-0.4	34.6	1.5
2005	10	1	44.1	6.7	33.4	0.8	39.4	4.1
2005	10	2	47.9	8.8	39.3	4.1	44.2	6.8
2005	10	3	49.0	9.4	41.5	5.3	44.9	7.2
2005	10	4	52.5	11.4	41.7	5.4	47.6	8.7
2005	10	5	54.7	12.6	48.0	8.9	50.8	10.5
2005	10	6	57.7	14.3	46.1	7.8	52.4	11.3
2005	10	7	59.4	15.2	56.5	13.6	58.1	14.5
2005	10	8	58.8	14.9	39.5	4.2	46.5	8.1
2005	10	9	42.8	6.0	38.8	3.8	40.5	4.7
2005	10	10	49.5	9.7	42.5	5.8	45.4	7.4
2005	10	11	49.6	9.8	46.6	8.1	47.9	8.8
2005	10	12	49.5	9.7	40.7	4.8	44.9	7.2
2005	10	13	48.7	9.3	40.8	4.9	45.4	7.4
2005	10	14	51.9	11.1	47.5	8.6	49.5	9.7
2005	10	15	48.7	9.3	29.6	-1.3	41.3	5.2
2005	10	16	36.5	2.5	31.8	-0.1	34.5	1.4
2005	10	17	36.0	2.2	32.3	0.2	34.0	1.1
2005	10	18	41.7	5.4	29.0	-1.7	36.5	2.5
2005	10	19	41.8	5.4	31.0	-0.6	36.5	2.5
2005	10	20	35.9	2.2	26.0	-3.3	29.6	-1.3
2005	10	21	34.9	1.6	31.0	-0.6	33.6	0.9
2005	10	22	37.5	3.1	31.7	-0.2	35.4	1.9
2005	10	23	35.7	2.1	29.7	-1.3	32.0	0.0
2005	10	28	29.2	-1.6	22.0	-5.6	26.1	-3.3
2005	10	29	30.2	-1.0	23.2	-4.9	27.5	-2.5
2005	10	30	34.4	1.3	28.4	-2.0	31.5	-0.3
2005	10	31	32.5	0.3	25.2	-3.8	29.5	-1.4
2005	11	1	40.2	4.6	27.8	-2.3	33.5	0.8
2005	11	2	39.7	4.3	25.5	-3.6	31.2	-0.4
2005	11	3	34.5	1.4	24.2	-4.3	30.2	-1.0
2005	11	4	37.6	3.1	28.9	-1.7	33.6	0.9
2005	11	5	45.3	7.4	34.6	1.4	39.7	4.3
2005	11	6	46.6	8.1	36.1	2.3	42.0	5.5
2005	11	7	34.8	1.6	26.0	-3.3	29.3	-1.5
2005	11	8	35.6	2.0	24.2	-4.3	29.6	-1.4
2005	11	9	45.6	7.6	26.1	-3.3	33.8	1.0
2005	11	10	44.5	6.9	16.2	-8.8	25.0	-3.9
2005	11	11	20.0	-6.7	16.0	-8.9	18.0	-7.8
2005	11	12	26.3	-3.2	17.1	-8.3	21.3	-5.9
2005	11	13	32.8	0.4	22.6	-5.2	27.1	-2.7
2005	11	14	33.6	0.9	21.2	-6.0	26.9	-2.8
2005	11	15	49.2	9.6	22.8	-5.1	36.1	2.3
2005	11	16	50.7	10.4	23.0	-5.0	43.1	6.1

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2005	11	17	20.4	-6.4	8.9	-12.8	12.7	-10.7
2005	11	18	14.4	-9.8	10.7	-11.8	12.1	-11.1
2005	11	19	16.8	-8.4	12.4	-10.9	14.1	-9.9
2005	11	20	21.8	-5.7	14.6	-9.7	17.8	-7.9
2005	11	21	24.4	-4.2	17.2	-8.2	20.7	-6.3
2005	11	22	27.9	-2.3	7.5	-13.6	21.8	-5.7
2005	11	23	9.9	-12.3	3.1	-16.1	6.1	-14.4
2005	11	24	23.0	-5.0	-5.6	-20.9	13.6	-10.2
2005	11	25	6.5	-14.2	-5.6	-20.9	1.3	-17.0
2005	11	26	14.6	-9.7	4.7	-15.2	8.4	-13.1
2005	11	27	24.2	-4.3	14.6	-9.7	18.6	-7.4
2005	11	28	44.7	7.1	27.1	-2.7	38.6	3.7
2005	11	29	48.1	8.9	38.2	3.4	44.7	7.0
2005	11	30	37.7	3.2	19.2	-7.1	27.7	-2.4
2005	12	1	18.7	-7.4	15.5	-9.2	17.4	-8.1
2005	12	2	20.6	-6.3	11.8	-11.2	15.7	-9.1
2005	12	3	10.7	-11.8	5.7	-14.6	7.8	-13.4
2005	12	4	17.3	-8.2	8.9	-12.8	14.5	-9.7
2005	12	5	14.9	-9.5	8.4	-13.1	10.7	-11.8
2005	12	6	12.3	-10.9	3.1	-16.1	9.0	-12.8
2005	12	7	6.2	-14.3	1.0	-17.2	3.6	-15.8
2005	12	8	6.7	-14.1	0.3	-17.6	4.0	-15.6
2005	12	9	14.8	-9.6	5.0	-15.0	11.4	-11.4
2005	12	10	11.5	-11.4	7.4	-13.7	9.4	-12.5
2005	12	11	18.3	-7.6	-1.2	-18.4	9.3	-12.6
2005	12	12	18.3	-7.6	-0.6	-18.1	11.1	-11.6
2005	12	13	0.7	-17.4	-8.6	-22.6	-2.6	-19.2
2005	12	14	-0.8	-18.2	-15.3	-26.3	-6.3	-21.3
2005	12	15	22.5	-5.3	-4.6	-20.3	5.4	-14.8
2005	12	16	29.7	-1.3	18.0	-7.8	22.5	-5.3
2005	12	17	17.3	-8.2	10.6	-11.9	12.4	-10.9
2005	12	18	13.8	-10.1	6.7	-14.1	10.6	-11.9
2005	12	19	12.1	-11.1	1.2	-17.1	7.4	-13.7
2005	12	20	2.2	-16.6	-2.7	-19.3	-0.9	-18.3
2005	12	21	11.0	-11.7	2.6	-16.3	6.6	-14.1
2005	12	22	14.3	-9.8	7.9	-13.4	11.5	-11.4
2005	12	23	17.2	-8.2	12.8	-10.7	15.4	-9.3
2005	12	24	21.7	-5.7	13.6	-10.2	17.3	-8.2
2005	12	25	28.2	-2.1	15.0	-9.4	20.9	-6.2
2005	12	26	26.0	-3.3	18.7	-7.4	23.7	-4.6
2005	12	27	20.1	-6.6	17.3	-8.2	18.7	-7.4
2005	12	28	25.8	-3.4	16.2	-8.8	20.2	-6.5
2005	12	29	32.0	0.0	25.3	-3.7	29.4	-1.4
2005	12	30	27.3	-2.6	15.6	-9.1	20.2	-6.5
2005	12	31	21.6	-5.8	14.3	-9.8	17.9	-7.8
2006	1	1	24.6	-4.1	21.7	-5.7	23.0	-5.0

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

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Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2006	1	2	25.4	-3.7	21.1	-6.1	23.1	-4.9
2006	1	3	26.1	-3.3	22.4	-5.3	24.3	-4.3
2006	1	4	24.4	-4.2	18.7	-7.4	21.6	-5.8
2006	1	5	28.9	-1.7	23.6	-4.7	25.3	-3.7
2006	1	6	23.5	-4.7	2.6	-16.3	14.7	-9.6
2006	1	7	13.6	-10.2	3.0	-16.1	8.4	-13.1
2006	1	8	19.4	-7.0	12.0	-11.1	16.4	-8.7
2006	1	9	29.1	-1.6	18.1	-7.7	22.7	-5.2
2006	1	10	21.8	-5.7	17.1	-8.3	19.9	-6.7
2006	1	11	35.7	2.1	18.1	-7.7	28.5	-2.0
2006	1	12	32.2	0.1	23.0	-5.0	26.6	-3.0
2006	1	13	39.4	4.1	19.6	-6.9	27.1	-2.7
2006	1	14	44.0	6.7	12.1	-11.1	32.0	0.0
2006	1	15	9.8	-12.3	-5.9	-21.1	-1.1	-18.4
2006	1	16	4.0	-15.6	-5.2	-20.7	-1.6	-18.7
2006	1	17	24.9	-3.9	2.7	-16.3	9.1	-12.7
2006	1	18	45.9	7.7	11.4	-11.4	27.3	-2.6
2006	1	19	16.2	-8.8	9.9	-12.3	12.9	-10.6
2006	1	20	28.6	-1.9	16.3	-8.7	22.0	-5.5
2006	1	21	33.0	0.6	12.2	-11.0	24.5	-4.2
2006	1	22	13.2	-10.4	9.2	-12.7	11.6	-11.3
2006	1	23	24.3	-4.3	11.0	-11.7	21.3	-5.9
2006	1	24	22.1	-5.5	14.7	-9.6	18.6	-7.5
2006	1	25	22.0	-5.6	10.1	-12.2	18.2	-7.7
2006	1	26	10.3	-12.1	1.5	-16.9	4.7	-15.2
2006	1	27	11.4	-11.4	0.4	-17.6	6.4	-14.2
2006	1	28	23.1	-4.9	10.5	-11.9	16.2	-8.8
2006	1	29	32.7	0.4	17.6	-8.0	23.3	-4.9
2006	1	30	33.9	1.1	20.1	-6.6	26.9	-2.8
2006	1	31	32.4	0.2	15.9	-8.9	26.4	-3.1
2006	2	1	17.0	-8.3	13.6	-10.2	15.6	-9.1
2006	2	2	26.1	-3.3	17.2	-8.2	21.0	-6.1
2006	2	3	37.1	2.8	24.5	-4.2	30.6	-0.8
2006	2	4	38.0	3.3	21.2	-6.0	27.6	-2.4
2006	2	5	32.9	0.5	12.0	-11.1	19.7	-6.8
2006	2	6	13.3	-10.4	6.8	-14.0	10.2	-12.1
2006	2	7	13.2	-10.4	7.2	-13.8	10.3	-12.1
2006	2	8	12.2	-11.0	5.3	-14.8	8.2	-13.2
2006	2	9	8.2	-13.2	0.6	-17.4	4.0	-15.6
2006	2	10	13.9	-10.1	7.0	-13.9	9.7	-12.4
2006	2	11	16.5	-8.6	10.6	-11.9	12.5	-10.8
2006	2	12	15.8	-9.0	2.7	-16.3	9.9	-12.3
2006	2	13	11.8	-11.2	-1.1	-18.4	6.0	-14.5
2006	2	14	17.5	-8.1	8.4	-13.1	12.8	-10.7
2006	2	15	22.5	-5.3	13.2	-10.4	17.6	-8.0
2006	2	16	30.1	-1.1	17.1	-8.3	23.1	-5.0

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2006	2	17	34.8	1.6	3.6	-15.8	19.9	-6.7
2006	2	18	7.7	-13.5	-14.1	-25.6	-1.1	-18.4
2006	2	19	-3.5	-19.7	-12.7	-24.8	-6.9	-21.6
2006	2	20	2.8	-16.2	-4.5	-20.3	-0.5	-18.0
2006	2	21	11.2	-11.6	3.2	-16.0	7.6	-13.5
2006	2	22	19.2	-7.1	7.5	-13.6	13.4	-10.4
2006	2	23	24.5	-4.2	12.2	-11.0	18.9	-7.3
2006	2	24	21.8	-5.7	-4.3	-20.2	4.4	-15.4
2006	2	25	18.3	-7.6	-3.3	-19.6	5.5	-14.7
2006	2	26	4.1	-15.5	-10.9	-23.8	-3.2	-19.5
2006	2	27	8.3	-13.2	-9.3	-22.9	-0.7	-18.2
2006	2	28	9.3	-12.6	-2.7	-19.3	1.1	-17.2
2006	3	1	6.7	-14.1	-3.0	-19.4	3.5	-15.8
2006	3	2	19.1	-7.2	4.9	-15.1	12.2	-11.0
2006	3	3	8.9	-12.8	-0.9	-18.3	4.4	-15.3
2006	3	4	13.4	-10.3	3.2	-16.0	8.1	-13.3
2006	3	5	9.4	-12.6	-0.7	-18.2	5.8	-14.6
2006	3	6	10.7	-11.8	-0.2	-17.9	6.5	-14.2
2006	3	7	9.3	-12.6	4.3	-15.4	6.5	-14.2
2006	3	8	15.8	-9.0	7.1	-13.8	10.4	-12.0
2006	3	9	28.6	-1.9	16.5	-8.6	23.6	-4.7
2006	3	10	39.7	4.3	27.4	-2.6	34.5	1.4
2006	3	11	32.3	0.2	24.2	-4.3	26.9	-2.8
2006	3	12	39.5	4.2	26.2	-3.2	34.6	1.5
2006	3	13	47.1	8.4	36.8	2.7	42.1	5.6
2006	3	14	43.9	6.6	13.9	-10.1	24.3	-4.3
2006	3	15	15.6	-9.1	5.0	-15.0	9.1	-12.7
2006	3	16	11.8	-11.2	6.4	-14.2	9.1	-12.7
2006	3	17	12.4	-10.9	-0.6	-18.1	6.4	-14.2
2006	3	18	3.7	-15.7	-0.7	-18.2	1.9	-16.8
2006	3	19	11.2	-11.6	3.8	-15.7	7.7	-13.5
2006	3	20	11.7	-11.3	3.2	-16.0	7.7	-13.5
2006	3	21	7.1	-13.8	0.2	-17.7	4.0	-15.5
2006	3	22	13.3	-10.4	5.5	-14.7	9.8	-12.4
2006	3	23	15.2	-9.3	11.6	-11.3	13.0	-10.5
2006	3	24	22.8	-5.1	10.9	-11.7	16.4	-8.7
2006	3	25	23.7	-4.6	19.4	-7.0	20.8	-6.2
2006	3	26	22.7	-5.2	17.7	-7.9	20.6	-6.4
2006	3	27	16.0	-8.9	12.4	-10.9	14.2	-9.9
2006	3	28	20.5	-6.4	14.5	-9.7	17.5	-8.1
2006	3	29	23.1	-4.9	17.8	-7.9	20.4	-6.5
2006	3	30	26.7	-2.9	16.9	-8.4	22.5	-5.3
2006	3	31	37.5	3.1	21.7	-5.7	29.8	-1.2
2006	4	1	43.0	6.1	30.5	-0.8	36.7	2.6
2006	4	2	30.9	-0.6	16.2	-8.8	21.6	-5.8
2006	4	3	31.6	-0.2	16.5	-8.6	23.8	-4.6

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

(Page 42 of 47)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2006	4	4	31.9	-0.1	12.3	-10.9	18.1	-7.7
2006	4	5	22.0	-5.6	9.1	-12.7	15.6	-9.1
2006	4	6	22.4	-5.3	17.6	-8.0	20.3	-6.5
2006	4	7	40.1	4.5	19.1	-7.2	29.3	-1.5
2006	4	8	38.9	3.8	3.3	-15.9	17.5	-8.1
2006	4	9	16.8	-8.4	3.4	-15.9	12.3	-11.0
2006	4	10	21.4	-5.9	14.8	-9.6	18.0	-7.8
2006	4	11	29.5	-1.4	17.9	-7.8	25.0	-3.9
2006	4	12	35.0	1.7	24.9	-3.9	30.3	-1.0
2006	4	13	39.7	4.3	33.0	0.6	35.9	2.2
2006	4	14	41.0	5.0	30.3	-0.9	36.3	2.4
2006	4	15	45.2	7.3	24.1	-4.4	34.4	1.4
2006	4	16	30.1	-1.1	20.6	-6.3	25.2	-3.8
2006	4	17	25.9	-3.4	19.0	-7.2	22.8	-5.1
2006	4	18	31.8	-0.1	23.7	-4.6	28.1	-2.2
2006	4	19	32.2	0.1	26.2	-3.2	28.7	-1.8
2006	4	20	32.2	0.1	20.9	-6.2	25.9	-3.4
2006	4	21	33.9	1.1	24.3	-4.3	28.9	-1.7
2006	4	22	29.9	-1.2	24.2	-4.3	27.8	-2.3
2006	4	23	38.3	3.5	28.3	-2.1	33.4	0.8
2006	4	24	37.8	3.2	29.1	-1.6	33.0	0.6
2006	4	25	36.5	2.5	23.2	-4.9	31.0	-0.5
2006	4	26	21.1	-6.1	16.1	-8.8	18.0	-7.8
2006	4	27	28.3	-2.1	16.6	-8.6	23.3	-4.8
2006	4	28	19.7	-6.8	14.8	-9.6	17.1	-8.3
2006	4	29	21.1	-6.1	10.3	-12.1	16.9	-8.4
2006	4	30	25.7	-3.5	18.0	-7.8	21.1	-6.1
2006	5	1	25.6	-3.6	19.6	-6.9	21.8	-5.7
2006	5	2	31.4	-0.3	20.9	-6.2	25.2	-3.8
2006	5	3	33.8	1.0	26.9	-2.8	29.4	-1.5
2006	5	4	37.4	3.0	28.0	-2.2	33.4	0.8
2006	5	5	38.6	3.7	30.4	-0.9	33.8	1.0
2006	5	6	35.0	1.7	22.7	-5.2	30.1	-1.1
2006	5	7	26.7	-2.9	13.4	-10.3	20.4	-6.4
2006	5	8	30.1	-1.1	22.0	-5.6	25.7	-3.5
2006	5	9	30.4	-0.9	25.2	-3.8	27.9	-2.3
2006	5	10	40.3	4.6	28.2	-2.1	35.1	1.7
2006	5	11	42.8	6.0	38.1	3.4	39.4	4.1
2006	5	12	43.2	6.2	34.2	1.2	37.3	2.9
2006	5	13	41.2	5.1	33.0	0.6	37.2	2.9
2006	5	14	39.7	4.3	35.0	1.7	37.3	3.0
2006	5	15	38.5	3.6	32.0	0.0	35.6	2.0
2006	5	16	37.1	2.8	33.7	0.9	34.9	1.6
2006	5	17	39.1	3.9	35.0	1.7	36.9	2.7
2006	5	18	41.0	5.0	31.9	-0.1	36.8	2.6
2006	5	19	34.2	1.2	30.7	-0.7	32.6	0.3

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2006	5	20	34.6	1.4	24.0	-4.4	30.7	-0.7
2006	5	21	33.0	0.6	23.0	-5.0	26.5	-3.1
2006	5	22	27.4	-2.6	19.6	-6.9	24.0	-4.5
2006	5	26	67.5	19.7	48.3	9.1	55.4	13.0
2006	5	27	61.4	16.3	54.8	12.7	57.9	14.4
2006	5	28	55.7	13.2	43.9	6.6	52.1	11.2
2006	5	29	68.4	20.2	50.8	10.4	58.5	14.7
2006	5	30	65.3	18.5	57.9	14.4	61.3	16.3
2006	5	31	62.9	17.2	58.4	14.7	60.6	15.9
2006	6	1	64.1	17.8	60.8	16.0	62.4	16.9
2006	6	2	62.3	16.8	53.5	11.9	58.7	14.9
2006	6	3	56.9	13.8	48.4	9.1	51.7	10.9
2006	6	4	52.5	11.4	48.4	9.1	50.5	10.3
2006	6	5	51.6	10.9	44.8	7.1	47.9	8.8
2006	6	6	50.8	10.4	45.7	7.6	48.5	9.2
2006	6	7	55.9	13.3	48.8	9.3	51.7	10.9
2006	6	8	57.2	14.0	49.2	9.6	52.1	11.2
2006	6	9	52.2	11.2	45.5	7.5	49.6	9.8
2006	6	10	43.8	6.6	30.3	-0.9	37.8	3.2
2006	6	11	44.7	7.1	31.1	-0.5	37.9	3.3
2006	6	12	47.3	8.5	41.7	5.4	45.3	7.4
2006	6	13	53.2	11.8	45.2	7.3	49.0	9.5
2006	6	14	54.4	12.4	50.7	10.4	52.2	11.2
2006	6	15	50.5	10.3	36.1	2.3	43.4	6.3
2006	6	16	48.7	9.3	40.6	4.8	44.0	6.7
2006	6	17	54.2	12.3	45.5	7.5	49.8	9.9
2006	6	18	60.5	15.8	51.5	10.8	56.6	13.7
2006	6	19	62.0	16.7	57.4	14.1	59.8	15.4
2006	6	20	59.8	15.4	52.3	11.3	55.9	13.3
2006	6	21	55.1	12.8	47.3	8.5	50.9	10.5
2006	6	22	64.6	18.1	51.9	11.1	58.2	14.6
2006	6	23	60.3	15.7	57.1	13.9	58.7	14.9
2006	6	24	60.5	15.8	57.6	14.2	58.9	15.0
2006	6	25	61.8	16.6	57.3	14.1	59.2	15.1
2006	6	26	64.8	18.2	58.8	14.9	61.2	16.2
2006	6	27	64.1	17.8	59.0	15.0	61.9	16.6
2006	6	28	61.6	16.4	58.3	14.6	59.6	15.4
2006	6	29	58.5	14.7	48.8	9.3	54.0	12.2
2006	6	30	51.5	10.8	48.2	9.0	50.0	10.0
2006	7	1	54.1	12.3	46.2	7.9	50.5	10.3
2006	7	2	60.7	15.9	51.8	11.0	57.2	14.0
2006	7	3	61.7	16.5	57.1	13.9	59.3	15.1
2006	7	4	62.2	16.8	58.6	14.8	59.9	15.5
2006	7	5	59.8	15.4	50.0	10.0	57.2	14.0
2006	7	6	52.4	11.3	42.8	6.0	46.5	8.0
2006	7	7	53.4	11.9	44.3	6.8	48.7	9.3

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2006	7	8	56.3	13.5	48.1	8.9	51.3	10.7
2006	7	9	54.0	12.2	47.2	8.4	52.1	11.2
2006	7	10	57.6	14.2	49.0	9.4	53.7	12.1
2006	7	11	63.5	17.5	58.5	14.7	60.8	16.0
2006	7	12	65.7	18.7	60.9	16.1	62.6	17.0
2006	7	13	62.1	16.7	55.7	13.2	58.9	14.9
2006	7	14	60.9	16.1	53.9	12.2	57.6	14.2
2006	7	15	64.4	18.0	57.5	14.2	61.3	16.3
2006	7	16	64.4	18.0	56.8	13.8	60.4	15.8
2006	7	17	66.5	19.2	58.1	14.5	62.2	16.8
2006	7	18	64.2	17.9	59.0	15.0	62.0	16.6
2006	7	19	61.4	16.3	57.0	13.9	58.8	14.9
2006	7	20	61.0	16.1	54.9	12.7	57.8	14.3
2006	7	21	63.7	17.6	58.9	14.9	61.5	16.4
2006	7	22	62.7	17.1	55.0	12.8	60.0	15.6
2006	7	23	55.2	12.9	47.6	8.7	51.0	10.6
2006	7	24	55.2	12.9	49.7	9.8	51.9	11.1
2006	7	25	60.1	15.6	51.2	10.7	56.2	13.5
2006	7	26	61.9	16.6	54.6	12.6	59.3	15.2
2006	7	27	63.8	17.7	59.2	15.1	61.1	16.2
2006	7	28	64.4	18.0	59.3	15.2	61.3	16.3
2006	7	29	62.4	16.9	56.7	13.7	60.0	15.6
2006	7	30	63.0	17.2	58.0	14.4	60.9	16.0
2006	7	31	65.3	18.5	57.8	14.3	61.9	16.6
2006	8	1	68.7	20.4	62.1	16.7	66.0	18.9
2006	8	2	67.8	19.9	64.1	17.8	65.6	18.7
2006	8	3	65.6	18.7	61.0	16.1	63.7	17.6
2006	8	4	62.0	16.7	51.5	10.8	57.2	14.0
2006	8	5	54.2	12.3	47.4	8.6	50.7	10.4
2006	8	6	55.1	12.8	47.0	8.3	51.3	10.7
2006	8	7	63.5	17.5	53.8	12.1	59.6	15.3
2006	8	8	61.8	16.6	41.4	5.2	50.8	10.4
2006	8	9	48.3	9.1	41.6	5.3	45.4	7.4
2006	8	10	55.4	13.0	45.7	7.6	50.4	10.2
2006	8	11	50.4	10.2	37.7	3.2	43.1	6.2
2006	8	12	42.3	5.7	38.3	3.5	40.1	4.5
2006	8	13	43.9	6.6	36.1	2.3	39.5	4.2
2006	8	14	58.6	14.8	42.3	5.7	49.7	9.8
2006	8	15	60.7	15.9	47.4	8.6	55.1	12.8
2006	8	16	52.9	11.6	47.0	8.3	50.5	10.3
2006	8	17	54.2	12.3	46.4	8.0	50.6	10.4
2006	8	18	53.6	12.0	50.0	10.0	51.9	11.0
2006	8	19	62.9	17.2	51.5	10.8	57.5	14.1
2006	8	20	62.3	16.8	48.7	9.3	57.1	13.9
2006	8	21	50.8	10.4	47.3	8.5	48.7	9.3
2006	8	22	52.3	11.3	45.7	7.6	49.4	9.7

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2006	8	23	52.2	11.2	42.5	5.8	47.2	8.4
2006	8	24	53.5	11.9	46.6	8.1	51.0	10.5
2006	8	25	57.6	14.2	49.8	9.9	53.4	11.9
2006	8	26	55.4	13.0	52.3	11.3	53.8	12.1
2006	8	27	57.9	14.4	52.3	11.3	54.9	12.7
2006	8	28	61.7	16.5	56.2	13.4	58.9	15.0
2006	8	29	62.0	16.7	56.6	13.7	59.2	15.1
2006	8	30	55.8	13.2	51.7	10.9	53.9	12.2
2006	8	31	50.8	10.4	44.1	6.7	46.7	8.2
2006	9	1	46.5	8.1	42.7	5.9	44.2	6.8
2006	9	2	49.8	9.9	42.3	5.7	46.3	7.9
2006	9	3	50.7	10.4	44.8	7.1	47.3	8.5
2006	9	4	50.7	10.4	45.2	7.3	47.4	8.5
2006	9	5	52.1	11.2	47.7	8.7	49.7	9.8
2006	9	6	50.8	10.4	46.9	8.3	49.4	9.7
2006	9	7	50.9	10.5	42.5	5.8	47.4	8.6
2006	9	8	52.8	11.6	43.9	6.6	49.1	9.5
2006	9	9	54.7	12.6	45.9	7.7	50.3	10.2
2006	9	10	49.4	9.7	44.3	6.8	46.9	8.3
2006	9	11	45.2	7.3	37.4	3.0	40.5	4.7
2006	9	12	41.7	5.4	33.7	0.9	38.2	3.4
2006	9	13	47.2	8.4	36.0	2.2	43.3	6.3
2006	9	14	52.8	11.6	47.7	8.7	50.8	10.5
2006	9	15	54.1	12.3	49.6	9.8	51.8	11.0
2006	9	16	54.4	12.4	50.4	10.2	51.8	11.0
2006	9	17	54.8	12.7	47.6	8.7	50.7	10.4
2006	9	18	54.9	12.7	45.3	7.4	51.0	10.6
2006	9	19	56.2	13.4	43.8	6.6	51.3	10.7
2006	9	20	45.5	7.5	36.5	2.5	40.7	4.8
2006	9	21	39.4	4.1	32.9	0.5	36.1	2.3
2006	9	22	42.0	5.6	34.3	1.3	38.4	3.6
2006	9	23	55.5	13.1	42.2	5.7	50.7	10.4
2006	9	24	56.9	13.8	41.6	5.3	50.7	10.4
2006	9	25	43.3	6.3	36.7	2.6	40.1	4.5
2006	9	26	40.7	4.8	35.2	1.8	37.6	3.1
2006	9	27	44.6	7.0	34.6	1.4	40.5	4.7
2006	9	28	49.9	9.9	40.7	4.8	45.6	7.5
2006	9	29	44.9	7.2	29.8	-1.2	35.5	1.9
2006	9	30	40.9	4.9	30.5	-0.8	35.8	2.1
2006	10	1	44.0	6.7	39.4	4.1	41.5	5.3
2006	10	2	42.5	5.8	35.0	1.7	38.7	3.7
2006	10	3	51.6	10.9	37.6	3.1	44.8	7.1
2006	10	4	53.6	12.0	45.1	7.3	49.8	9.9
2006	10	5	47.8	8.8	30.2	-1.0	34.5	1.4
2006	10	6	33.1	0.6	28.4	-2.0	30.8	-0.7
2006	10	7	36.6	2.6	27.8	-2.3	32.2	0.1

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2006	10	8	44.8	7.1	31.4	-0.3	38.4	3.5
2006	10	9	49.2	9.6	35.7	2.1	43.6	6.4
2006	10	10	46.7	8.2	40.4	4.7	44.0	6.7
2006	10	11	46.3	7.9	43.1	6.2	44.5	7.0
2006	10	12	48.1	8.9	14.9	-9.5	34.7	1.5
2006	10	13	22.6	-5.2	16.9	-8.4	19.7	-6.9
2006	10	14	25.2	-3.8	16.7	-8.5	20.8	-6.2
2006	10	15	25.5	-3.6	18.6	-7.4	22.7	-5.2
2006	10	16	29.3	-1.5	21.3	-5.9	25.3	-3.7
2006	10	17	48.5	9.2	29.4	-1.4	39.0	3.9
2006	10	18	49.0	9.4	42.8	6.0	46.7	8.1
2006	10	19	50.9	10.5	40.9	4.9	45.4	7.5
2006	10	20	51.4	10.8	25.9	-3.4	36.8	2.7
2006	10	21	30.3	-0.9	27.1	-2.7	28.8	-1.8
2006	10	22	36.5	2.5	26.9	-2.8	31.1	-0.5
2006	10	23	34.4	1.3	19.4	-7.0	24.0	-4.4
2006	10	24	22.9	-5.1	21.0	-6.1	22.0	-5.6
2006	10	25	24.6	-4.1	22.2	-5.4	23.3	-4.9
2006	10	26	22.9	-5.1	18.4	-7.6	20.2	-6.6
2006	10	27	31.4	-0.3	18.3	-7.6	22.5	-5.3
2006	10	28	43.9	6.6	24.7	-4.1	33.5	0.8
2006	10	29	24.0	-4.4	14.4	-9.8	19.0	-7.2
2006	10	30	25.7	-3.5	14.9	-9.5	21.4	-5.9
2006	11	2	42.1	5.6	17.7	-7.9	28.6	-1.9
2006	11	3	20.8	-6.2	17.0	-8.3	19.5	-7.0
2006	11	4	22.3	-5.4	17.7	-7.9	20.0	-6.7
2006	11	5	24.7	-4.1	17.8	-7.9	21.9	-5.6
2006	11	6	29.5	-1.4	21.6	-5.8	25.2	-3.8
2006	11	7	40.4	4.7	26.8	-2.9	33.5	0.9
2006	11	8	49.5	9.7	41.1	5.1	47.1	8.4
2006	11	9	46.7	8.2	39.0	3.9	43.1	6.2
2006	11	10	38.5	3.6	30.1	-1.1	33.9	1.0
2006	11	11	46.6	8.1	31.7	-0.2	40.3	4.6
2006	11	12	47.0	8.3	31.6	-0.2	36.1	2.3
2006	11	13	40.0	4.4	33.0	0.6	36.3	2.4
2006	11	14	43.7	6.5	40.3	4.6	42.2	5.7
2006	11	15	46.2	7.9	42.1	5.6	43.6	6.4
2006	11	16	56.4	13.6	44.2	6.8	50.6	10.3
2006	11	17	48.3	9.1	26.7	-2.9	34.6	1.5
2006	11	18	27.9	-2.3	24.9	-3.9	26.3	-3.2
2006	11	19	28.0	-2.2	22.0	-5.6	25.5	-3.6
2006	11	20	21.5	-5.8	18.7	-7.4	20.1	-6.6
2006	11	21	21.6	-5.8	16.2	-8.8	19.3	-7.0
2006	11	22	20.5	-6.4	18.5	-7.5	19.6	-6.9
2006	11	23	34.4	1.3	17.9	-7.8	29.7	-1.3
2006	11	24	29.7	-1.3	21.8	-5.7	26.5	-3.1

Table 2.7-19— SSES Daily Average and Extreme Dew Point Temperatures (2001-2006)

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Year	Month	Day	Max T_d (°F)	Max T_d (°C)	Min T_d (°F)	Min T_d (°C)	Aver T_d (°F)	Aver T_d (°C)
2006	11	25	29.4	-1.4	20.9	-6.2	25.6	-3.6
2006	11	26	33.1	0.6	23.9	-4.5	29.0	-1.6
2006	11	27	35.3	1.8	27.4	-2.6	31.9	-0.1
2006	11	28	40.0	4.4	29.2	-1.6	34.6	1.4
2006	11	29	43.2	6.2	38.8	3.8	41.3	5.2
2006	11	30	49.3	9.6	42.6	5.9	46.5	8.0
2006	12	1	54.9	12.7	22.0	-5.6	46.7	8.2
2006	12	2	21.1	-6.1	16.0	-8.9	18.4	-7.5
2006	12	3	19.5	-6.9	15.1	-9.4	17.4	-8.1
2006	12	4	19.7	-6.8	7.3	-13.7	11.7	-11.3
2006	12	5	13.7	-10.2	7.8	-13.4	10.5	-11.9
2006	12	6	20.7	-6.3	11.4	-11.4	16.1	-8.8
2006	12	7	25.5	-3.6	-0.5	-18.1	17.0	-8.4
2006	12	8	12.0	-11.1	-7.3	-21.8	1.8	-16.8
2006	12	9	6.2	-14.3	2.5	-16.4	4.5	-15.3
2006	12	10	21.3	-5.9	3.8	-15.7	12.2	-11.0
2006	12	11	22.4	-5.3	16.7	-8.5	19.4	-7.0
2006	12	12	31.0	-0.6	22.2	-5.4	26.7	-2.9
2006	12	13	38.9	3.8	29.7	-1.3	35.3	1.8
2006	12	14	36.6	2.6	25.4	-3.7	30.5	-0.8
2006	12	15	35.9	2.2	28.6	-1.9	0.0	-17.8
2006	12	18	46.5	8.1	21.3	-5.9	37.9	3.3
2006	12	19	23.0	-5.0	16.3	-8.7	19.8	-6.8
2006	12	20	21.2	-6.0	15.1	-9.4	18.0	-7.8
2006	12	21	24.7	-4.1	17.6	-8.0	20.8	-6.2
2006	12	22	36.9	2.7	19.9	-6.7	26.4	-3.1
2006	12	23	41.1	5.1	26.5	-3.1	34.3	1.3
2006	12	24	27.8	-2.3	22.8	-5.1	25.5	-3.6
2006	12	25	32.6	0.3	19.0	-7.2	23.5	-4.7
2006	12	26	35.2	1.8	24.1	-4.4	31.5	-0.3
2006	12	27	25.6	-3.6	15.9	-8.9	19.3	-7.1
2006	12	28	25.6	-3.6	16.2	-8.8	20.7	-6.3
2006	12	29	27.1	-2.7	21.6	-5.8	24.6	-4.1
2006	12	30	30.7	-0.7	21.4	-5.9	26.4	-3.1
2006	12	31	27.0	-2.8	17.9	-7.8	19.5	-6.9

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
1/1/2000	20.0	43.0	28.7	17.0	28.0	24.1	-6.7	6.1	-1.8	-8.3	-2.2	-4.4
1/2/2000	28.0	56.0	36.6	26.0	45.0	32.6	-2.2	13.3	2.6	-3.3	7.2	0.3
1/3/2000	43.0	57.0	49.5	40.0	52.0	46.1	6.1	13.9	9.7	4.4	11.1	7.8
1/4/2000	46.0	61.0	55.9	34.0	54.0	51.1	7.8	16.1	13.3	1.1	12.2	10.6
1/5/2000	29.0	47.0	35.1	14.0	34.0	19.8	-1.7	8.3	1.7	-10.0	1.1	-6.8
1/6/2000	21.0	39.0	28.3	15.0	25.0	18.0	-6.1	3.9	-2.1	-9.4	-3.9	-7.8
1/7/2000	28.0	41.0	33.6	19.0	28.0	24.5	-2.2	5.0	0.9	-7.2	-2.2	-4.2
1/8/2000	22.0	39.0	31.3	15.0	21.0	17.4	-5.6	3.9	-0.4	-9.4	-6.1	-8.1
1/9/2000	30.0	47.0	36.1	18.0	30.0	24.1	-1.1	8.3	2.3	-7.8	-1.1	-4.4
1/10/2000	37.0	43.0	39.9	30.0	43.0	37.2	2.8	6.1	4.4	-1.1	6.1	2.9
1/11/2000	35.0	49.0	43.5	18.0	40.0	29.4	1.7	9.4	6.4	-7.8	4.4	-1.4
1/12/2000	35.0	44.0	38.6	17.0	28.0	22.9	1.7	6.7	3.7	-8.3	-2.2	-5.1
1/13/2000	19.0	35.0	30.5	7.0	28.0	23.0	-7.2	1.7	-0.8	-13.9	-2.2	-5.0
1/14/2000	10.0	25.0	17.3	-2.0	7.0	2.3	-12.2	-3.9	-8.2	-18.9	-13.9	-16.5
1/15/2000	14.0	27.0	19.9	4.0	15.0	10.0	-10.0	-2.8	-6.7	-15.6	-9.4	-12.2
1/16/2000	27.0	48.0	31.7	11.0	27.0	16.8	-2.8	8.9	-0.2	-11.7	-2.8	-8.4
1/17/2000	4.0	29.0	12.4	-11.0	18.0	-5.2	-15.6	-1.7	-10.9	-23.9	-7.8	-20.7
1/18/2000	3.0	17.0	8.1	-10.0	1.0	-3.3	-16.1	-8.3	-13.3	-23.3	-17.2	-19.6
1/19/2000	10.0	32.0	18.6	2.0	18.0	9.8	-12.2	0.0	-7.4	-16.7	-7.8	-12.3
1/20/2000	24.0	28.0	26.3	16.0	27.0	22.7	-4.4	-2.2	-3.2	-8.9	-2.8	-5.2
1/21/2000	6.0	27.0	13.8	-7.0	18.0	-1.1	-14.4	-2.8	-10.1	-21.7	-7.8	-18.4
1/22/2000	0.0	19.0	8.1	-7.0	3.0	-2.0	-17.8	-7.2	-13.3	-21.7	-16.1	-18.9
1/23/2000	14.0	25.0	18.4	4.0	18.0	11.0	-10.0	-3.9	-7.6	-15.6	-7.8	-11.7
1/24/2000	21.0	34.0	26.4	14.0	21.0	18.4	-6.1	1.1	-3.1	-10.0	-6.1	-7.6
1/25/2000	16.0	24.0	20.8	9.0	19.0	15.4	-8.9	-4.4	-6.2	-12.8	-7.2	-9.2
1/26/2000	21.0	27.0	23.4	10.0	18.0	14.0	-6.1	-2.8	-4.8	-12.2	-7.8	-10.0
1/27/2000	6.0	24.0	14.1	-5.0	14.0	0.8	-14.4	-4.4	-9.9	-20.6	-10.0	-17.3
1/28/2000	6.0	23.0	12.6	-8.0	0.0	-3.7	-14.4	-5.0	-10.8	-22.2	-17.8	-19.8
1/29/2000	1.0	34.0	16.0	-8.0	10.0	1.2	-17.2	1.1	-8.9	-22.2	-12.2	-17.1
1/30/2000	8.0	31.0	19.4	4.0	25.0	12.9	-13.3	-0.6	-7.0	-15.6	-3.9	-10.6
1/31/2000	18.0	30.0	25.7	15.0	25.0	21.3	-7.8	-1.1	-3.5	-9.4	-3.9	-5.9
2/1/2000	26.0	31.0	28.0	14.0	21.0	17.2	-3.3	-0.6	-2.2	-10.0	-6.1	-8.2
2/2/2000	19.0	30.0	24.0	0.0	21.0	7.3	-7.2	-1.1	-4.4	-17.8	-6.1	-13.7
2/3/2000	10.0	27.0	19.5	2.0	21.0	12.4	-12.2	-2.8	-6.9	-16.7	-6.1	-10.9
2/4/2000	24.0	31.0	25.9	21.0	27.0	22.7	-4.4	-0.6	-3.4	-6.1	-2.8	-5.2
2/5/2000	17.0	31.0	27.1	9.0	29.0	19.0	-8.3	-0.6	-2.7	-12.8	-1.7	-7.2
2/6/2000	25.0	36.0	29.5	10.0	21.0	15.3	-3.9	2.2	-1.4	-12.2	-6.1	-9.3
2/7/2000	25.0	38.0	31.1	15.0	26.0	19.3	-3.9	3.3	-0.5	-9.4	-3.3	-7.1
2/8/2000	7.0	32.0	20.5	2.0	19.0	6.9	-13.9	0.0	-6.4	-16.7	-7.2	-13.9
2/9/2000	12.0	42.0	22.9	4.0	25.0	11.4	-11.1	5.6	-5.1	-15.6	-3.9	-11.4
2/10/2000	19.0	44.0	28.2	18.0	29.0	22.5	-7.2	6.7	-2.1	-7.8	-1.7	-5.3
2/11/2000	32.0	44.0	39.5	19.0	36.0	32.2	0.0	6.7	4.2	-7.2	2.2	0.1
2/12/2000	18.0	32.0	24.9	5.0	20.0	10.6	-7.8	0.0	-3.9	-15.0	-6.7	-11.9
2/13/2000	15.0	29.0	22.3	8.0	23.0	12.9	-9.4	-1.7	-5.4	-13.3	-5.0	-10.6
2/14/2000	29.0	38.0	34.3	23.0	36.0	32.8	-1.7	3.3	1.3	-5.0	2.2	0.4

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

(Page 2 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
2/15/2000	28.0	37.0	33.0	16.0	34.0	22.4	-2.2	2.8	0.6	-8.9	1.1	-5.3
2/16/2000	26.0	47.0	35.6	20.0	31.0	25.3	-3.3	8.3	2.0	-6.7	-0.6	-3.7
2/17/2000	21.0	40.0	28.8	7.0	27.0	11.7	-6.1	4.4	-1.8	-13.9	-2.8	-11.3
2/18/2000	26.0	30.0	28.0	10.0	28.0	22.6	-3.3	-1.1	-2.2	-12.2	-2.2	-5.2
2/19/2000	30.0	34.0	31.4	21.0	32.0	28.2	-1.1	1.1	-0.3	-6.1	0.0	-2.1
2/20/2000	27.0	35.0	30.6	21.0	26.0	23.3	-2.8	1.7	-0.8	-6.1	-3.3	-4.8
2/21/2000	20.0	40.0	29.9	17.0	25.0	21.6	-6.7	4.4	-1.2	-8.3	-3.9	-5.8
2/22/2000	20.0	48.0	31.9	19.0	29.0	23.7	-6.7	8.9	-0.1	-7.2	-1.7	-4.6
2/23/2000	38.0	52.0	43.8	26.0	32.0	28.8	3.3	11.1	6.6	-3.3	0.0	-1.8
2/24/2000	30.0	51.0	38.5	30.0	37.0	33.0	-1.1	10.6	3.6	-1.1	2.8	0.6
2/25/2000	35.0	57.0	42.4	34.0	48.0	38.7	1.7	13.9	5.8	1.1	8.9	3.7
2/26/2000	39.0	48.0	42.9	37.0	45.0	39.5	3.9	8.9	6.1	2.8	7.2	4.2
2/27/2000	42.0	52.0	45.4	41.0	49.0	43.8	5.6	11.1	7.4	5.0	9.4	6.6
2/28/2000	36.0	50.0	45.3	22.0	49.0	36.5	2.2	10.0	7.4	-5.6	9.4	2.5
2/29/2000	29.0	55.0	39.9	19.0	28.0	23.8	-1.7	12.8	4.4	-7.2	-2.2	-4.6
3/1/2000	30.0	50.0	38.8	19.0	39.0	27.5	-1.1	10.0	3.8	-7.2	3.9	-2.5
3/2/2000	36.0	45.0	40.0	24.0	40.0	29.1	2.2	7.2	4.4	-4.4	4.4	-1.6
3/3/2000	32.0	47.0	38.3	6.0	25.0	16.3	0.0	8.3	3.5	-14.4	-3.9	-8.7
3/4/2000	27.0	54.0	38.3	6.0	23.0	19.7	-2.8	12.2	3.5	-14.4	-5.0	-6.8
3/5/2000	31.0	58.0	44.8	22.0	27.0	25.2	-0.6	14.4	7.1	-5.6	-2.8	-3.8
3/6/2000	30.0	56.0	42.6	20.0	28.0	25.3	-1.1	13.3	5.9	-6.7	-2.2	-3.7
3/7/2000	28.0	67.0	43.1	24.0	34.0	27.5	-2.2	19.4	6.2	-4.4	1.1	-2.5
3/8/2000	40.0	81.0	56.5	32.0	54.0	40.5	4.4	27.2	13.6	0.0	12.2	4.7
3/9/2000	39.0	79.0	53.5	39.0	54.0	45.7	3.9	26.1	11.9	3.9	12.2	7.6
3/10/2000	41.0	58.0	47.4	32.0	54.0	39.4	5.0	14.4	8.6	0.0	12.2	4.1
3/11/2000	37.0	45.0	41.1	31.0	43.0	37.5	2.8	7.2	5.1	-0.6	6.1	3.1
3/12/2000	34.0	41.0	38.3	17.0	40.0	34.0	1.1	5.0	3.5	-8.3	4.4	1.1
3/13/2000	26.0	47.0	35.1	14.0	28.0	19.8	-3.3	8.3	1.7	-10.0	-2.2	-6.8
3/14/2000	28.0	53.0	38.8	24.0	39.0	28.4	-2.2	11.7	3.8	-4.4	3.9	-2.0
3/15/2000	30.0	67.0	42.1	30.0	39.0	33.4	-1.1	19.4	5.6	-1.1	3.9	0.8
3/16/2000	41.0	64.0	52.5	32.0	52.0	41.0	5.0	17.8	11.4	0.0	11.1	5.0
3/17/2000	28.0	52.0	36.7	10.0	52.0	30.3	-2.2	11.1	2.6	-12.2	11.1	-0.9
3/18/2000	19.0	41.0	27.8	0.0	11.0	5.1	-7.2	5.0	-2.3	-17.8	-11.7	-14.9
3/19/2000	28.0	46.0	35.5	8.0	27.0	18.8	-2.2	7.8	1.9	-13.3	-2.8	-7.3
3/20/2000	36.0	52.0	42.5	21.0	28.0	26.7	2.2	11.1	5.8	-6.1	-2.2	-2.9
3/21/2000	39.0	48.0	41.7	24.0	40.0	35.2	3.9	8.9	5.4	-4.4	4.4	1.8
3/22/2000	41.0	59.0	45.8	39.0	45.0	41.0	5.0	15.0	7.7	3.9	7.2	5.0
3/23/2000	45.0	60.0	51.2	41.0	45.0	42.8	7.2	15.6	10.7	5.0	7.2	6.0
3/24/2000	35.0	66.0	45.5	31.0	43.0	37.2	1.7	18.9	7.5	-0.6	6.1	2.9
3/25/2000	42.0	68.0	52.6	35.0	55.0	43.9	5.6	20.0	11.4	1.7	12.8	6.6
3/26/2000	39.0	61.0	52.1	11.0	54.0	32.5	3.9	16.1	11.2	-11.7	12.2	0.3
3/27/2000	30.0	61.0	44.9	15.0	46.0	27.7	-1.1	16.1	7.2	-9.4	7.8	-2.4
3/28/2000	42.0	59.0	49.0	21.0	48.0	37.1	5.6	15.0	9.4	-6.1	8.9	2.8
3/29/2000	39.0	47.0	43.0	31.0	38.0	34.1	3.9	8.3	6.1	-0.6	3.3	1.2
3/30/2000	39.0	52.0	44.1	21.0	36.0	30.6	3.9	11.1	6.7	-6.1	2.2	-0.8

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
3/31/2000	27.0	59.0	43.5	21.0	28.0	23.8	-2.8	15.0	6.4	-6.1	-2.2	-4.6
4/1/2000	29.0	66.0	45.2	22.0	30.0	26.2	-1.7	18.9	7.3	-5.6	-1.1	-3.2
4/2/2000	41.0	62.0	52.2	28.0	50.0	38.7	5.0	16.7	11.2	-2.2	10.0	3.7
4/3/2000	52.0	72.0	58.6	50.0	58.0	53.8	11.1	22.2	14.8	10.0	14.4	12.1
4/4/2000	45.0	69.0	59.3	32.0	61.0	54.7	7.2	20.6	15.2	0.0	16.1	12.6
4/5/2000	34.0	47.0	40.1	18.0	32.0	22.7	1.1	8.3	4.5	-7.8	0.0	-5.2
4/6/2000	34.0	72.0	49.4	24.0	38.0	28.9	1.1	22.2	9.7	-4.4	3.3	-1.7
4/7/2000	38.0	61.0	48.9	31.0	43.0	34.6	3.3	16.1	9.4	-0.6	6.1	1.4
4/8/2000	43.0	72.0	52.6	36.0	54.0	44.5	6.1	22.2	11.4	2.2	12.2	6.9
4/9/2000	28.0	48.0	34.9	15.0	45.0	27.1	-2.2	8.9	1.6	-9.4	7.2	-2.7
4/10/2000	37.0	53.0	43.3	12.0	31.0	23.3	2.8	11.7	6.3	-11.1	-0.6	-4.8
4/11/2000	34.0	49.0	40.8	13.0	32.0	25.1	1.1	9.4	4.9	-10.6	0.0	-3.8
4/12/2000	37.0	47.0	43.0	16.0	43.0	28.0	2.8	8.3	6.1	-8.9	6.1	-2.2
4/13/2000	27.0	52.0	38.7	12.0	25.0	19.5	-2.8	11.1	3.7	-11.1	-3.9	-6.9
4/14/2000	40.0	61.0	49.0	17.0	40.0	28.5	4.4	16.1	9.4	-8.3	4.4	-1.9
4/15/2000	43.0	72.0	57.4	39.0	56.0	45.4	6.1	22.2	14.1	3.9	13.3	7.4
4/16/2000	48.0	81.0	58.6	46.0	55.0	51.6	8.9	27.2	14.8	7.8	12.8	10.9
4/17/2000	45.0	58.0	47.7	39.0	46.0	43.5	7.2	14.4	8.7	3.9	7.8	6.4
4/18/2000	39.0	45.0	42.6	38.0	42.0	39.7	3.9	7.2	5.9	3.3	5.6	4.3
4/19/2000	41.0	63.0	48.6	39.0	52.0	43.2	5.0	17.2	9.2	3.9	11.1	6.2
4/20/2000	51.0	61.0	56.6	49.0	55.0	51.8	10.6	16.1	13.7	9.4	12.8	11.0
4/21/2000	50.0	62.0	52.9	45.0	52.0	48.5	10.0	16.7	11.6	7.2	11.1	9.2
4/22/2000	45.0	52.0	48.5	38.0	48.0	44.1	7.2	11.1	9.2	3.3	8.9	6.7
4/23/2000	41.0	51.0	44.4	37.0	39.0	37.9	5.0	10.6	6.9	2.8	3.9	3.3
4/24/2000	41.0	67.0	52.9	33.0	41.0	36.8	5.0	19.4	11.6	0.6	5.0	2.7
4/25/2000	38.0	63.0	52.8	28.0	36.0	32.6	3.3	17.2	11.6	-2.2	2.2	0.3
4/26/2000	41.0	59.0	49.6	22.0	36.0	31.1	5.0	15.0	9.8	-5.6	2.2	-0.5
4/27/2000	43.0	54.0	47.8	35.0	45.0	39.8	6.1	12.2	8.8	1.7	7.2	4.3
4/28/2000	43.0	64.0	49.6	33.0	44.0	40.8	6.1	17.8	9.8	0.6	6.7	4.9
4/29/2000	37.0	71.0	54.7	30.0	41.0	35.3	2.8	21.7	12.6	-1.1	5.0	1.8
4/30/2000	48.0	65.0	57.0	19.0	41.0	29.4	8.9	18.3	13.9	-7.2	5.0	-1.4
5/1/2000	35.0	72.0	53.7	20.0	40.0	31.2	1.7	22.2	12.1	-6.7	4.4	-0.4
5/2/2000	53.0	69.0	58.1	31.0	54.0	46.1	11.7	20.6	14.5	-0.6	12.2	7.8
5/3/2000	37.0	71.0	54.5	32.0	41.0	36.9	2.8	21.7	12.5	0.0	5.0	2.7
5/4/2000	56.0	73.0	64.0	40.0	61.0	48.0	13.3	22.8	17.8	4.4	16.1	8.9
5/5/2000	59.0	86.0	67.5	56.0	62.0	59.7	15.0	30.0	19.7	13.3	16.7	15.4
5/6/2000	56.0	88.0	71.1	55.0	68.0	59.2	13.3	31.1	21.7	12.8	20.0	15.1
5/7/2000	58.0	91.0	72.8	55.0	66.0	60.0	14.4	32.8	22.7	12.8	18.9	15.6
5/8/2000	61.0	88.0	71.2	57.0	66.0	62.1	16.1	31.1	21.8	13.9	18.9	16.7
5/9/2000	59.0	91.0	74.6	58.0	64.0	61.5	15.0	32.8	23.7	14.4	17.8	16.4
5/10/2000	63.0	85.0	73.3	46.0	67.0	61.5	17.2	29.4	22.9	7.8	19.4	16.4
5/11/2000	51.0	77.0	62.5	34.0	48.0	42.5	10.6	25.0	16.9	1.1	8.9	5.8
5/12/2000	57.0	78.0	64.7	47.0	61.0	52.5	13.9	25.6	18.2	8.3	16.1	11.4
5/13/2000	62.0	81.0	68.5	48.0	68.0	62.0	16.7	27.2	20.3	8.9	20.0	16.7
5/14/2000	47.0	70.0	59.5	34.0	52.0	44.1	8.3	21.1	15.3	1.1	11.1	6.7

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
5/15/2000	39.0	65.0	53.0	28.0	40.0	33.8	3.9	18.3	11.7	-2.2	4.4	1.0
5/16/2000	35.0	66.0	51.1	29.0	40.0	36.1	1.7	18.9	10.6	-1.7	4.4	2.3
5/17/2000	43.0	73.0	59.3	40.0	50.0	45.7	6.1	22.8	15.2	4.4	10.0	7.6
5/18/2000	61.0	84.0	67.6	50.0	63.0	58.3	16.1	28.9	19.8	10.0	17.2	14.6
5/19/2000	52.0	66.0	56.9	50.0	63.0	55.6	11.1	18.9	13.8	10.0	17.2	13.1
5/20/2000	47.0	54.0	49.9	45.0	50.0	46.9	8.3	12.2	9.9	7.2	10.0	8.3
5/21/2000	51.0	61.0	54.5	49.0	55.0	51.9	10.6	16.1	12.5	9.4	12.8	11.1
5/22/2000	55.0	60.0	56.7	53.0	57.0	54.9	12.8	15.6	13.7	11.7	13.9	12.7
5/23/2000	55.0	63.0	57.1	53.0	59.0	55.1	12.8	17.2	13.9	11.7	15.0	12.8
5/24/2000	56.0	77.0	63.9	54.0	63.0	58.6	13.3	25.0	17.7	12.2	17.2	14.8
5/25/2000	55.0	74.0	61.5	42.0	62.0	53.8	12.8	23.3	16.4	5.6	16.7	12.1
5/26/2000	51.0	75.0	62.5	39.0	48.0	44.3	10.6	23.9	16.9	3.9	8.9	6.8
5/27/2000	47.0	69.0	56.9	40.0	54.0	47.1	8.3	20.6	13.8	4.4	12.2	8.4
5/28/2000	48.0	65.0	54.7	46.0	54.0	49.4	8.9	18.3	12.6	7.8	12.2	9.7
5/29/2000	56.0	65.0	60.6	47.0	53.0	50.4	13.3	18.3	15.9	8.3	11.7	10.2
5/30/2000	46.0	70.0	56.5	46.0	52.0	48.7	7.8	21.1	13.6	7.8	11.1	9.3
5/31/2000	49.0	73.0	59.5	46.0	58.0	50.9	9.4	22.8	15.3	7.8	14.4	10.5
6/1/2000	59.0	85.0	70.3	57.0	73.0	62.6	15.0	29.4	21.3	13.9	22.8	17.0
6/2/2000	64.0	91.0	71.0	63.0	71.0	66.5	17.8	32.8	21.7	17.2	21.7	19.2
6/3/2000	55.0	71.0	64.1	44.0	67.0	49.8	12.8	21.7	17.8	6.7	19.4	9.9
6/4/2000	46.0	72.0	59.9	44.0	65.0	48.5	7.8	22.2	15.5	6.7	18.3	9.2
6/5/2000	54.0	67.0	56.7	50.0	57.0	54.0	12.2	19.4	13.7	10.0	13.9	12.2
6/6/2000	52.0	57.0	54.8	48.0	54.0	52.5	11.1	13.9	12.7	8.9	12.2	11.4
6/7/2000	51.0	76.0	61.5	45.0	57.0	48.1	10.6	24.4	16.4	7.2	13.9	8.9
6/8/2000	53.0	80.0	65.3	49.0	58.0	54.1	11.7	26.7	18.5	9.4	14.4	12.3
6/9/2000	56.0	86.0	71.0	52.0	65.0	58.1	13.3	30.0	21.7	11.1	18.3	14.5
6/10/2000	58.0	91.0	74.8	57.0	64.0	61.5	14.4	32.8	23.8	13.9	17.8	16.4
6/11/2000	62.0	90.0	74.2	61.0	72.0	64.9	16.7	32.2	23.4	16.1	22.2	18.3
6/12/2000	68.0	81.0	72.0	68.0	72.0	70.3	20.0	27.2	22.2	20.0	22.2	21.3
6/13/2000	61.0	72.0	65.3	59.0	70.0	63.3	16.1	22.2	18.5	15.0	21.1	17.4
6/14/2000	60.0	65.0	62.3	59.0	61.0	60.1	15.6	18.3	16.8	15.0	16.1	15.6
6/15/2000	60.0	72.0	65.3	59.0	68.0	62.8	15.6	22.2	18.5	15.0	20.0	17.1
6/16/2000	67.0	85.0	75.2	66.0	73.0	69.6	19.4	29.4	24.0	18.9	22.8	20.9
6/17/2000	68.0	82.0	74.1	61.0	73.0	69.3	20.0	27.8	23.4	16.1	22.8	20.7
6/18/2000	63.0	74.0	65.7	61.0	68.0	62.9	17.2	23.3	18.7	16.1	20.0	17.2
6/19/2000	54.0	75.0	61.4	50.0	61.0	53.0	12.2	23.9	16.3	10.0	16.1	11.7
6/20/2000	53.0	82.0	64.1	51.0	61.0	55.7	11.7	27.8	17.8	10.6	16.1	13.2
6/21/2000	67.0	82.0	72.7	57.0	72.0	65.0	19.4	27.8	22.6	13.9	22.2	18.3
6/22/2000	66.0	83.0	71.4	56.0	70.0	65.9	18.9	28.3	21.9	13.3	21.1	18.8
6/23/2000	60.0	80.0	71.5	56.0	61.0	58.8	15.6	26.7	21.9	13.3	16.1	14.9
6/24/2000	59.0	83.0	70.1	57.0	68.0	61.7	15.0	28.3	21.2	13.9	20.0	16.5
6/25/2000	77.0	80.0	78.2	67.0	68.0	67.8	25.0	26.7	25.7	19.4	20.0	19.9
6/26/2000	71.0	81.0	75.4	69.0	74.0	71.1	21.7	27.2	24.1	20.6	23.3	21.7
6/27/2000	69.0	79.0	72.8	64.0	73.0	69.0	20.6	26.1	22.7	17.8	22.8	20.6
6/28/2000	59.0	79.0	68.8	53.0	68.0	60.8	15.0	26.1	20.4	11.7	20.0	16.0

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
6/29/2000	59.0	77.0	66.3	54.0	62.0	59.1	15.0	25.0	19.1	12.2	16.7	15.1
6/30/2000	56.0	78.0	67.7	48.0	57.0	54.4	13.3	25.6	19.8	8.9	13.9	12.4
7/1/2000	53.0	80.0	67.2	51.0	58.0	54.7	11.7	26.7	19.6	10.6	14.4	12.6
7/2/2000	57.0	83.0	67.8	55.0	61.0	57.4	13.9	28.3	19.9	12.8	16.1	14.1
7/3/2000	60.0	77.0	68.8	57.0	70.0	63.4	15.6	25.0	20.4	13.9	21.1	17.4
7/4/2000	68.0	84.0	72.1	67.0	70.0	68.5	20.0	28.9	22.3	19.4	21.1	20.3
7/5/2000	61.0	83.0	73.8	52.0	69.0	59.5	16.1	28.3	23.2	11.1	20.6	15.3
7/6/2000	52.0	78.0	66.6	48.0	57.0	51.6	11.1	25.6	19.2	8.9	13.9	10.9
7/7/2000	53.0	74.0	66.8	44.0	57.0	49.8	11.7	23.3	19.3	6.7	13.9	9.9
7/8/2000	49.0	79.0	63.6	44.0	54.0	48.5	9.4	26.1	17.6	6.7	12.2	9.2
7/9/2000	53.0	81.0	66.6	51.0	70.0	57.2	11.7	27.2	19.2	10.6	21.1	14.0
7/10/2000	67.0	88.0	74.3	59.0	71.0	67.5	19.4	31.1	23.5	15.0	21.7	19.7
7/11/2000	58.0	82.0	72.4	49.0	64.0	56.3	14.4	27.8	22.4	9.4	17.8	13.5
7/12/2000	52.0	83.0	67.5	49.0	61.0	51.8	11.1	28.3	19.7	9.4	16.1	11.0
7/13/2000	56.0	78.0	67.3	54.0	64.0	57.0	13.3	25.6	19.6	12.2	17.8	13.9
7/14/2000	61.0	80.0	68.7	57.0	66.0	61.3	16.1	26.7	20.4	13.9	18.9	16.3
7/15/2000	64.0	72.0	65.5	62.0	65.0	63.4	17.8	22.2	18.6	16.7	18.3	17.4
7/16/2000	64.0	78.0	67.3	61.0	65.0	63.2	17.8	25.6	19.6	16.1	18.3	17.3
7/17/2000	63.0	80.0	68.7	62.0	65.0	63.1	17.2	26.7	20.4	16.7	18.3	17.3
7/18/2000	60.0	84.0	70.5	54.0	66.0	61.3	15.6	28.9	21.4	12.2	18.9	16.3
7/19/2000	57.0	77.0	63.0	52.0	58.0	55.6	13.9	25.0	17.2	11.1	14.4	13.1
7/20/2000	60.0	79.0	66.9	46.0	59.0	55.0	15.6	26.1	19.4	7.8	15.0	12.8
7/21/2000	53.0	78.0	63.1	51.0	65.0	56.8	11.7	25.6	17.3	10.6	18.3	13.8
7/22/2000	58.0	76.0	64.5	51.0	64.0	58.0	14.4	24.4	18.1	10.6	17.8	14.4
7/23/2000	51.0	76.0	64.0	32.0	61.0	52.7	10.6	24.4	17.8	0.0	16.1	11.5
7/24/2000	56.0	74.0	64.7	55.0	61.0	57.9	13.3	23.3	18.2	12.8	16.1	14.4
7/25/2000	61.0	80.0	69.6	56.0	62.0	60.2	16.1	26.7	20.9	13.3	16.7	15.7
7/26/2000	61.0	75.0	68.6	58.0	65.0	61.7	16.1	23.9	20.3	14.4	18.3	16.5
7/27/2000	64.0	80.0	70.7	63.0	67.0	64.9	17.8	26.7	21.5	17.2	19.4	18.3
7/28/2000	63.0	83.0	69.4	62.0	68.0	65.0	17.2	28.3	20.8	16.7	20.0	18.3
7/29/2000	66.0	77.0	70.1	64.0	67.0	65.1	18.9	25.0	21.2	17.8	19.4	18.4
7/30/2000	68.0	81.0	73.6	66.0	73.0	70.1	20.0	27.2	23.1	18.9	22.8	21.2
7/31/2000	70.0	86.0	74.2	69.0	74.0	71.4	21.1	30.0	23.4	20.6	23.3	21.9
8/1/2000	72.0	86.0	76.1	68.0	73.0	71.8	22.2	30.0	24.5	20.0	22.8	22.1
8/2/2000	67.0	84.0	72.6	66.0	72.0	68.7	19.4	28.9	22.6	18.9	22.2	20.4
8/3/2000	68.0	81.0	71.7	66.0	72.0	68.7	20.0	27.2	22.1	18.9	22.2	20.4
8/4/2000	64.0	77.0	70.9	53.0	70.0	61.6	17.8	25.0	21.6	11.7	21.1	16.4
8/5/2000	54.0	79.0	66.3	52.0	63.0	55.4	12.2	26.1	19.1	11.1	17.2	13.0
8/6/2000	55.0	70.0	62.6	54.0	67.0	60.1	12.8	21.1	17.0	12.2	19.4	15.6
8/7/2000	66.0	85.0	71.5	66.0	72.0	68.6	18.9	29.4	21.9	18.9	22.2	20.3
8/8/2000	65.0	86.0	72.3	65.0	73.0	68.3	18.3	30.0	22.4	18.3	22.8	20.2
8/9/2000	71.0	88.0	78.3	67.0	72.0	69.6	21.7	31.1	25.7	19.4	22.2	20.9
8/10/2000	65.0	83.0	74.8	62.0	72.0	65.3	18.3	28.3	23.8	16.7	22.2	18.5
8/11/2000	66.0	81.0	70.9	61.0	68.0	64.9	18.9	27.2	21.6	16.1	20.0	18.3
8/12/2000	61.0	73.0	65.7	56.0	64.0	60.0	16.1	22.8	18.7	13.3	17.8	15.6

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
8/13/2000	61.0	76.0	67.1	58.0	64.0	60.6	16.1	24.4	19.5	14.4	17.8	15.9
8/14/2000	60.0	79.0	67.9	58.0	64.0	61.3	15.6	26.1	19.9	14.4	17.8	16.3
8/15/2000	59.0	85.0	70.6	57.0	69.0	62.9	15.0	29.4	21.4	13.9	20.6	17.2
8/16/2000	70.0	80.0	74.1	51.0	70.0	60.1	21.1	26.7	23.4	10.6	21.1	15.6
8/17/2000	61.0	72.0	65.4	48.0	56.0	51.8	16.1	22.2	18.6	8.9	13.3	11.0
8/18/2000	57.0	66.0	61.1	54.0	61.0	56.8	13.9	18.9	16.2	12.2	16.1	13.8
8/19/2000	56.0	77.0	63.1	48.0	60.0	54.5	13.3	25.0	17.3	8.9	15.6	12.5
8/20/2000	50.0	73.0	61.7	43.0	55.0	48.8	10.0	22.8	16.5	6.1	12.8	9.3
8/21/2000	45.0	73.0	58.8	43.0	54.0	48.2	7.2	22.8	14.9	6.1	12.2	9.0
8/22/2000	51.0	78.0	62.1	49.0	61.0	54.1	10.6	25.6	16.7	9.4	16.1	12.3
8/23/2000	64.0	74.0	67.6	59.0	69.0	63.1	17.8	23.3	19.8	15.0	20.6	17.3
8/24/2000	66.0	82.0	69.1	54.0	68.0	64.4	18.9	27.8	20.6	12.2	20.0	18.0
8/25/2000	55.0	81.0	65.3	49.0	61.0	55.4	12.8	27.2	18.5	9.4	16.1	13.0
8/26/2000	55.0	80.0	64.2	54.0	66.0	58.1	12.8	26.7	17.9	12.2	18.9	14.5
8/27/2000	61.0	78.0	67.1	57.0	71.0	63.2	16.1	25.6	19.5	13.9	21.7	17.3
8/28/2000	63.0	82.0	70.3	62.0	69.0	65.4	17.2	27.8	21.3	16.7	20.6	18.6
8/29/2000	64.0	79.0	70.3	63.0	66.0	64.8	17.8	26.1	21.3	17.2	18.9	18.2
8/30/2000	68.0	81.0	72.9	63.0	70.0	64.8	20.0	27.2	22.7	17.2	21.1	18.2
8/31/2000	67.0	83.0	73.0	66.0	73.0	67.4	19.4	28.3	22.8	18.9	22.8	19.7
9/1/2000	72.0	81.0	75.0	70.0	74.0	71.2	22.2	27.2	23.9	21.1	23.3	21.8
9/2/2000	71.0	85.0	74.8	66.0	73.0	71.1	21.7	29.4	23.8	18.9	22.8	21.7
9/3/2000	67.0	84.0	73.0	66.0	73.0	68.7	19.4	28.9	22.8	18.9	22.8	20.4
9/4/2000	63.0	83.0	73.5	52.0	72.0	67.0	17.2	28.3	23.1	11.1	22.2	19.4
9/5/2000	45.0	69.0	58.1	36.0	52.0	40.7	7.2	20.6	14.5	2.2	11.1	4.8
9/6/2000	42.0	70.0	53.2	41.0	52.0	44.5	5.6	21.1	11.8	5.0	11.1	6.9
9/7/2000	45.0	72.0	54.3	44.0	52.0	47.9	7.2	22.2	12.4	6.7	11.1	8.8
9/8/2000	48.0	78.0	59.0	46.0	64.0	52.3	8.9	25.6	15.0	7.8	17.8	11.3
9/9/2000	60.0	85.0	67.9	59.0	68.0	62.3	15.6	29.4	19.9	15.0	20.0	16.8
9/10/2000	66.0	84.0	72.0	64.0	70.0	68.1	18.9	28.9	22.2	17.8	21.1	20.1
9/11/2000	66.0	78.0	71.6	61.0	68.0	65.4	18.9	25.6	22.0	16.1	20.0	18.6
9/12/2000	70.0	80.0	73.5	64.0	70.0	67.2	21.1	26.7	23.1	17.8	21.1	19.6
9/13/2000	61.0	77.0	69.1	44.0	70.0	60.9	16.1	25.0	20.6	6.7	21.1	16.1
9/14/2000	49.0	75.0	58.4	32.0	53.0	46.2	9.4	23.9	14.7	0.0	11.7	7.9
9/15/2000	57.0	70.0	63.2	35.0	63.0	51.8	13.9	21.1	17.3	1.7	17.2	11.0
9/16/2000	48.0	63.0	55.8	36.0	49.0	45.1	8.9	17.2	13.2	2.2	9.4	7.3
9/17/2000	40.0	72.0	53.3	27.0	44.0	36.6	4.4	22.2	11.8	-2.8	6.7	2.6
9/18/2000	46.0	74.0	58.2	26.0	57.0	47.0	7.8	23.3	14.6	-3.3	13.9	8.3
9/19/2000	57.0	69.0	62.8	54.0	61.0	57.2	13.9	20.6	17.1	12.2	16.1	14.0
9/20/2000	55.0	82.0	62.7	55.0	64.0	58.3	12.8	27.8	17.1	12.8	17.8	14.6
9/21/2000	61.0	77.0	68.5	45.0	62.0	52.6	16.1	25.0	20.3	7.2	16.7	11.4
9/22/2000	45.0	67.0	55.3	43.0	47.0	44.9	7.2	19.4	12.9	6.1	8.3	7.2
9/23/2000	50.0	66.0	59.6	47.0	63.0	54.2	10.0	18.9	15.3	8.3	17.2	12.3
9/24/2000	55.0	65.0	62.3	50.0	64.0	60.1	12.8	18.3	16.8	10.0	17.8	15.6
9/25/2000	45.0	56.0	50.6	41.0	50.0	45.2	7.2	13.3	10.3	5.0	10.0	7.3
9/26/2000	46.0	55.0	49.7	43.0	50.0	46.0	7.8	12.8	9.8	6.1	10.0	7.8

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
9/27/2000	44.0	69.0	50.6	43.0	52.0	45.9	6.7	20.6	10.3	6.1	11.1	7.7
9/28/2000	46.0	59.0	51.0	36.0	51.0	44.0	7.8	15.0	10.6	2.2	10.6	6.7
9/29/2000	33.0	60.0	43.0	29.0	43.0	33.8	0.6	15.6	6.1	-1.7	6.1	1.0
9/30/2000	35.0	66.0	43.8	33.0	51.0	39.0	1.7	18.9	6.6	0.6	10.6	3.9
10/1/2000	42.0	70.0	51.2	42.0	54.0	46.2	5.6	21.1	10.7	5.6	12.2	7.9
10/2/2000	47.0	71.0	54.7	46.0	57.0	51.0	8.3	21.7	12.6	7.8	13.9	10.6
10/3/2000	54.0	81.0	59.4	49.0	61.0	54.8	12.2	27.2	15.2	9.4	16.1	12.7
10/4/2000	47.0	66.0	56.2	46.0	59.0	51.5	8.3	18.9	13.4	7.8	15.0	10.8
10/5/2000	54.0	63.0	55.4	51.0	55.0	52.8	12.2	17.2	13.0	10.6	12.8	11.6
10/6/2000	56.0	65.0	60.0	45.0	61.0	56.3	13.3	18.3	15.6	7.2	16.1	13.5
10/7/2000	43.0	60.0	48.4	34.0	47.0	40.6	6.1	15.6	9.1	1.1	8.3	4.8
10/8/2000	35.0	50.0	40.7	26.0	36.0	32.7	1.7	10.0	4.8	-3.3	2.2	0.4
10/9/2000	30.0	48.0	38.8	25.0	34.0	29.9	-1.1	8.9	3.8	-3.9	1.1	-1.2
10/10/2000	37.0	54.0	42.7	28.0	39.0	33.4	2.8	12.2	5.9	-2.2	3.9	0.8
10/11/2000	34.0	68.0	47.4	32.0	43.0	37.1	1.1	20.0	8.6	0.0	6.1	2.8
10/12/2000	36.0	73.0	50.9	34.0	43.0	39.0	2.2	22.8	10.5	1.1	6.1	3.9
10/13/2000	35.0	75.0	51.5	34.0	45.0	38.8	1.7	23.9	10.8	1.1	7.2	3.8
10/14/2000	39.0	78.0	55.4	38.0	48.0	42.8	3.9	25.6	13.0	3.3	8.9	6.0
10/15/2000	46.0	72.0	56.8	43.0	55.0	47.2	7.8	22.2	13.8	6.1	12.8	8.4
10/16/2000	55.0	67.0	59.3	53.0	54.0	53.7	12.8	19.4	15.2	11.7	12.2	12.1
10/17/2000	53.0	59.0	55.6	51.0	54.0	52.5	11.7	15.0	13.1	10.6	12.2	11.4
10/18/2000	53.0	65.0	57.3	48.0	57.0	53.5	11.7	18.3	14.1	8.9	13.9	11.9
10/19/2000	44.0	65.0	52.4	33.0	51.0	41.6	6.7	18.3	11.3	0.6	10.6	5.3
10/20/2000	34.0	68.0	46.9	34.0	49.0	39.0	1.1	20.0	8.3	1.1	9.4	3.9
10/21/2000	43.0	76.0	51.6	41.0	52.0	46.0	6.1	24.4	10.9	5.0	11.1	7.8
10/22/2000	40.0	65.0	53.7	23.0	51.0	35.5	4.4	18.3	12.1	-5.0	10.6	1.9
10/23/2000	31.0	61.0	44.6	29.0	34.0	31.5	-0.6	16.1	7.0	-1.7	1.1	-0.3
10/24/2000	43.0	53.0	47.7	31.0	47.0	37.6	6.1	11.7	8.7	-0.6	8.3	3.1
10/25/2000	48.0	71.0	54.6	46.0	56.0	49.9	8.9	21.7	12.6	7.8	13.3	9.9
10/26/2000	46.0	70.0	54.4	46.0	56.0	49.9	7.8	21.1	12.4	7.8	13.3	9.9
10/27/2000	45.0	70.0	55.6	43.0	55.0	48.3	7.2	21.1	13.1	6.1	12.8	9.1
10/28/2000	43.0	58.0	52.1	22.0	57.0	44.0	6.1	14.4	11.2	-5.6	13.9	6.7
10/29/2000	35.0	53.0	42.4	11.0	25.0	20.9	1.7	11.7	5.8	-11.7	-3.9	-6.2
10/30/2000	36.0	55.0	44.1	18.0	29.0	25.2	2.2	12.8	6.7	-7.8	-1.7	-3.8
10/31/2000	36.0	58.0	44.9	25.0	31.0	28.0	2.2	14.4	7.2	-3.9	-0.6	-2.2
11/1/2000	34.0	60.0	45.5	28.0	36.0	31.7	1.1	15.6	7.5	-2.2	2.2	-0.2
11/2/2000	34.0	66.0	47.2	32.0	37.0	33.8	1.1	18.9	8.4	0.0	2.8	1.0
11/3/2000	35.0	58.0	45.0	31.0	43.0	34.6	1.7	14.4	7.2	-0.6	6.1	1.4
11/4/2000	37.0	58.0	46.9	35.0	44.0	38.9	2.8	14.4	8.3	1.7	6.7	3.8
11/5/2000	36.0	49.0	44.1	26.0	38.0	32.2	2.2	9.4	6.7	-3.3	3.3	0.1
11/6/2000	28.0	54.0	38.9	26.0	31.0	27.8	-2.2	12.2	3.8	-3.3	-0.6	-2.3
11/7/2000	28.0	56.0	38.3	25.0	37.0	30.0	-2.2	13.3	3.5	-3.9	2.8	-1.1
11/8/2000	41.0	62.0	49.1	35.0	47.0	38.2	5.0	16.7	9.5	1.7	8.3	3.4
11/9/2000	51.0	58.0	54.5	46.0	55.0	51.4	10.6	14.4	12.5	7.8	12.8	10.8
11/10/2000	48.0	57.0	53.5	45.0	56.0	50.9	8.9	13.9	11.9	7.2	13.3	10.5

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
11/11/2000	45.0	50.0	47.8	36.0	47.0	41.0	7.2	10.0	8.8	2.2	8.3	5.0
11/12/2000	41.0	45.0	43.3	35.0	38.0	36.0	5.0	7.2	6.3	1.7	3.3	2.2
11/13/2000	39.0	48.0	41.5	35.0	41.0	37.7	3.9	8.9	5.3	1.7	5.0	3.2
11/14/2000	37.0	52.0	47.2	22.0	45.0	40.0	2.8	11.1	8.4	-5.6	7.2	4.4
11/15/2000	33.0	40.0	37.2	24.0	29.0	27.4	0.6	4.4	2.9	-4.4	-1.7	-2.6
11/16/2000	26.0	43.0	35.4	23.0	28.0	25.9	-3.3	6.1	1.9	-5.0	-2.2	-3.4
11/17/2000	31.0	43.0	38.9	27.0	30.0	28.6	-0.6	6.1	3.8	-2.8	-1.1	-1.9
11/18/2000	33.0	39.0	36.4	21.0	32.0	27.9	0.6	3.9	2.4	-6.1	0.0	-2.3
11/19/2000	25.0	39.0	33.1	17.0	23.0	19.8	-3.9	3.9	0.6	-8.3	-5.0	-6.8
11/20/2000	21.0	36.0	28.7	15.0	31.0	23.8	-6.1	2.2	-1.8	-9.4	-0.6	-4.6
11/21/2000	28.0	34.0	31.3	15.0	21.0	18.8	-2.2	1.1	-0.4	-9.4	-6.1	-7.3
11/22/2000	23.0	29.0	25.8	12.0	25.0	16.6	-5.0	-1.7	-3.4	-11.1	-3.9	-8.6
11/23/2000	19.0	31.0	24.6	5.0	21.0	10.8	-7.2	-0.6	-4.1	-15.0	-6.1	-11.8
11/24/2000	17.0	36.0	24.1	9.0	16.0	11.4	-8.3	2.2	-4.4	-12.8	-8.9	-11.4
11/25/2000	22.0	38.0	29.1	14.0	20.0	16.8	-5.6	3.3	-1.6	-10.0	-6.7	-8.4
11/26/2000	34.0	49.0	44.4	20.0	48.0	42.3	1.1	9.4	6.9	-6.7	8.9	5.7
11/27/2000	42.0	47.0	43.9	37.0	43.0	40.2	5.6	8.3	6.6	2.8	6.1	4.6
11/28/2000	39.0	45.0	43.3	30.0	38.0	35.3	3.9	7.2	6.3	-1.1	3.3	1.8
11/29/2000	36.0	45.0	39.5	28.0	36.0	31.4	2.2	7.2	4.2	-2.2	2.2	-0.3
11/30/2000	37.0	40.0	37.6	22.0	36.0	32.3	2.8	4.4	3.1	-5.6	2.2	0.2
12/1/2000	30.0	39.0	34.0	18.0	26.0	22.1	-1.1	3.9	1.1	-7.8	-3.3	-5.5
12/2/2000	19.0	33.0	26.8	10.0	18.0	15.0	-7.2	0.6	-2.9	-12.2	-7.8	-9.4
12/3/2000	15.0	34.0	22.1	10.0	21.0	14.3	-9.4	1.1	-5.5	-12.2	-6.1	-9.8
12/4/2000	12.0	35.0	22.0	9.0	21.0	15.0	-11.1	1.7	-5.6	-12.8	-6.1	-9.4
12/5/2000	23.0	41.0	30.3	10.0	30.0	21.5	-5.0	5.0	-0.9	-12.2	-1.1	-5.8
12/6/2000	22.0	29.0	24.5	7.0	14.0	9.0	-5.6	-1.7	-4.2	-13.9	-10.0	-12.8
12/7/2000	19.0	30.0	24.1	8.0	16.0	12.6	-7.2	-1.1	-4.4	-13.3	-8.9	-10.8
12/8/2000	24.0	30.0	26.3	12.0	27.0	21.4	-4.4	-1.1	-3.2	-11.1	-2.8	-5.9
12/9/2000	15.0	31.0	26.1	12.0	27.0	19.2	-9.4	-0.6	-3.3	-11.1	-2.8	-7.1
12/10/2000	12.0	34.0	22.0	9.0	27.0	16.4	-11.1	1.1	-5.6	-12.8	-2.8	-8.7
12/11/2000	31.0	37.0	33.8	27.0	32.0	29.2	-0.6	2.8	1.0	-2.8	0.0	-1.6
12/12/2000	27.0	44.0	36.7	7.0	37.0	26.1	-2.8	6.7	2.6	-13.9	2.8	-3.3
12/13/2000	12.0	27.0	21.1	7.0	16.0	10.1	-11.1	-2.8	-6.1	-13.9	-8.9	-12.2
12/14/2000	25.0	36.0	29.3	6.0	32.0	24.7	-3.9	2.2	-1.5	-14.4	0.0	-4.1
12/15/2000	26.0	36.0	32.1	17.0	30.0	21.3	-3.3	2.2	0.1	-8.3	-1.1	-5.9
12/16/2000	26.0	39.0	34.1	19.0	32.0	27.9	-3.3	3.9	1.2	-7.2	0.0	-2.3
12/17/2000	32.0	51.0	42.9	18.0	49.0	38.3	0.0	10.6	6.1	-7.8	9.4	3.5
12/18/2000	19.0	32.0	23.3	7.0	18.0	11.5	-7.2	0.0	-4.8	-13.9	-7.8	-11.4
12/19/2000	17.0	27.0	23.1	9.0	25.0	18.1	-8.3	-2.8	-4.9	-12.8	-3.9	-7.7
12/20/2000	16.0	27.0	22.3	6.0	25.0	15.8	-8.9	-2.8	-5.4	-14.4	-3.9	-9.0
12/21/2000	10.0	27.0	16.6	7.0	14.0	10.6	-12.2	-2.8	-8.6	-13.9	-10.0	-11.9
12/22/2000	10.0	27.0	21.7	-5.0	21.0	12.9	-12.2	-2.8	-5.7	-20.6	-6.1	-10.6
12/23/2000	7.0	24.0	12.0	-6.0	10.0	1.5	-13.9	-4.4	-11.1	-21.1	-12.2	-16.9
12/24/2000	12.0	29.0	19.3	6.0	15.0	10.1	-11.1	-1.7	-7.1	-14.4	-9.4	-12.2
12/25/2000	13.0	25.0	17.8	-2.0	11.0	2.9	-10.6	-3.9	-7.9	-18.9	-11.7	-16.2

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
12/26/2000	12.0	25.0	18.2	-2.0	10.0	6.0	-11.1	-3.9	-7.7	-18.9	-12.2	-14.4
12/27/2000	16.0	28.0	21.2	1.0	16.0	10.7	-8.9	-2.2	-6.0	-17.2	-8.9	-11.8
12/28/2000	13.0	25.0	20.1	0.0	18.0	8.9	-10.6	-3.9	-6.6	-17.8	-7.8	-12.8
12/29/2000	9.0	23.0	16.0	3.0	13.0	7.9	-12.8	-5.0	-8.9	-16.1	-10.6	-13.4
12/30/2000	14.0	29.0	21.9	9.0	18.0	14.0	-10.0	-1.7	-5.6	-12.8	-7.8	-10.0
12/31/2000	21.0	29.0	21.9	9.0	19.0	14.0	-6.1	-1.7	-5.6	-12.8	-7.2	-10.0
1/1/2001	17.0	33.0	26.0	9.0	15.0	12.7	-8.3	0.6	-3.3	-12.8	-9.4	-10.7
1/2/2001	15.0	28.0	21.3	4.0	12.0	9.0	-9.4	-2.2	-5.9	-15.6	-11.1	-12.8
1/3/2001	12.0	29.0	22.0	6.0	14.0	10.5	-11.1	-1.7	-5.6	-14.4	-10.0	-11.9
1/4/2001	26.0	33.0	28.0	9.0	19.0	16.1	-3.3	0.6	-2.2	-12.8	-7.2	-8.8
1/5/2001	16.0	28.0	24.0	11.0	25.0	18.5	-8.9	-2.2	-4.4	-11.7	-3.9	-7.5
1/6/2001	21.0	34.0	28.0	17.0	25.0	22.5	-6.1	1.1	-2.2	-8.3	-3.9	-5.3
1/7/2001	21.0	35.0	27.8	18.0	27.0	21.9	-6.1	1.7	-2.3	-7.8	-2.8	-5.6
1/8/2001	25.0	34.0	30.1	23.0	32.0	27.1	-3.9	1.1	-1.1	-5.0	0.0	-2.7
1/9/2001	19.0	34.0	26.8	8.0	25.0	14.5	-7.2	1.1	-2.9	-13.3	-3.9	-9.7
1/10/2001	22.0	34.0	27.8	7.0	21.0	16.4	-5.6	1.1	-2.3	-13.9	-6.1	-8.7
1/11/2001	25.0	43.0	34.4	17.0	25.0	20.0	-3.9	6.1	1.3	-8.3	-3.9	-6.7
1/12/2001	18.0	38.0	26.5	16.0	25.0	20.9	-7.8	3.3	-3.1	-8.9	-3.9	-6.2
1/13/2001	18.0	37.0	24.9	16.0	23.0	19.6	-7.8	2.8	-3.9	-8.9	-5.0	-6.9
1/14/2001	19.0	37.0	25.5	17.0	27.0	21.1	-7.2	2.8	-3.6	-8.3	-2.8	-6.1
1/15/2001	32.0	37.0	34.7	25.0	32.0	29.7	0.0	2.8	1.5	-3.9	0.0	-1.3
1/16/2001	33.0	40.0	35.9	28.0	34.0	31.6	0.6	4.4	2.2	-2.2	1.1	-0.2
1/17/2001	35.0	37.0	35.9	24.0	29.0	26.6	1.7	2.8	2.2	-4.4	-1.7	-3.0
1/18/2001	30.0	36.0	32.7	22.0	29.0	25.6	-1.1	2.2	0.4	-5.6	-1.7	-3.6
1/19/2001	32.0	34.0	33.5	28.0	34.0	31.9	0.0	1.1	0.8	-2.2	1.1	-0.1
1/20/2001	27.0	36.0	31.3	19.0	34.0	24.4	-2.8	2.2	-0.4	-7.2	1.1	-4.2
1/21/2001	19.0	30.0	22.1	6.0	21.0	14.9	-7.2	-1.1	-5.5	-14.4	-6.1	-9.5
1/22/2001	11.0	31.0	21.3	8.0	17.0	12.2	-11.7	-0.6	-5.9	-13.3	-8.3	-11.0
1/23/2001	7.0	28.0	14.4	3.0	18.0	10.6	-13.9	-2.2	-9.8	-16.1	-7.8	-11.9
1/24/2001	16.0	40.0	24.5	14.0	25.0	18.9	-8.9	4.4	-4.2	-10.0	-3.9	-7.3
1/25/2001	27.0	36.0	30.9	7.0	24.0	17.2	-2.8	2.2	-0.6	-13.9	-4.4	-8.2
1/26/2001	12.0	30.0	20.5	4.0	16.0	10.9	-11.1	-1.1	-6.4	-15.6	-8.9	-11.7
1/27/2001	27.0	36.0	29.6	14.0	29.0	22.3	-2.8	2.2	-1.3	-10.0	-1.7	-5.4
1/28/2001	22.0	32.0	28.3	12.0	24.0	15.5	-5.6	0.0	-2.1	-11.1	-4.4	-9.2
1/29/2001	14.0	33.0	23.5	11.0	20.0	15.4	-10.0	0.6	-4.7	-11.7	-6.7	-9.2
1/30/2001	30.0	37.0	34.2	18.0	32.0	28.1	-1.1	2.8	1.2	-7.8	0.0	-2.2
1/31/2001	33.0	40.0	35.2	30.0	36.0	32.4	0.6	4.4	1.8	-1.1	2.2	0.2
2/1/2001	34.0	41.0	37.8	28.0	32.0	30.5	1.1	5.0	3.2	-2.2	0.0	-0.8
2/2/2001	28.0	40.0	36.3	9.0	30.0	25.9	-2.2	4.4	2.4	-12.8	-1.1	-3.4
2/3/2001	19.0	29.0	24.5	6.0	15.0	10.3	-7.2	-1.7	-4.2	-14.4	-9.4	-12.1
2/4/2001	19.0	37.0	27.6	10.0	19.0	14.6	-7.2	2.8	-2.4	-12.2	-7.2	-9.7
2/5/2001	30.0	36.0	32.0	18.0	31.0	27.0	-1.1	2.2	0.0	-7.8	-0.6	-2.8
2/6/2001	33.0	41.0	36.8	25.0	34.0	29.8	0.6	5.0	2.7	-3.9	1.1	-1.2
2/7/2001	34.0	42.0	36.8	20.0	34.0	27.0	1.1	5.6	2.7	-6.7	1.1	-2.8
2/8/2001	25.0	41.0	32.2	20.0	27.0	23.0	-3.9	5.0	0.1	-6.7	-2.8	-5.0

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
2/9/2001	36.0	49.0	40.9	27.0	39.0	33.3	2.2	9.4	4.9	-2.8	3.9	0.7
2/10/2001	28.0	58.0	43.4	7.0	45.0	26.1	-2.2	14.4	6.3	-13.9	7.2	-3.3
2/11/2001	21.0	31.0	25.0	3.0	8.0	4.3	-6.1	-0.6	-3.9	-16.1	-13.3	-15.4
2/12/2001	15.0	35.0	23.1	0.0	12.0	4.6	-9.4	1.7	-4.9	-17.8	-11.1	-15.2
2/13/2001	32.0	49.0	37.0	12.0	28.0	23.5	0.0	9.4	2.8	-11.1	-2.2	-4.7
2/14/2001	29.0	45.0	39.7	25.0	43.0	35.0	-1.7	7.2	4.3	-3.9	6.1	1.7
2/15/2001	36.0	45.0	39.9	23.0	43.0	34.9	2.2	7.2	4.4	-5.0	6.1	1.6
2/16/2001	29.0	37.0	33.9	25.0	36.0	31.1	-1.7	2.8	1.1	-3.9	2.2	-0.5
2/17/2001	21.0	36.0	32.0	1.0	36.0	23.3	-6.1	2.2	0.0	-17.2	2.2	-4.8
2/18/2001	17.0	32.0	22.6	0.0	10.0	4.6	-8.3	0.0	-5.2	-17.8	-12.2	-15.2
2/19/2001	14.0	41.0	26.1	6.0	16.0	10.8	-10.0	5.0	-3.3	-14.4	-8.9	-11.8
2/20/2001	30.0	57.0	41.0	15.0	32.0	24.8	-1.1	13.9	5.0	-9.4	0.0	-4.0
2/21/2001	23.0	50.0	35.9	-2.0	38.0	17.2	-5.0	10.0	2.2	-18.9	3.3	-8.2
2/22/2001	12.0	23.0	17.8	0.0	16.0	9.1	-11.1	-5.0	-7.9	-17.8	-8.9	-12.7
2/23/2001	18.0	37.0	22.8	13.0	22.0	16.3	-7.8	2.8	-5.1	-10.6	-5.6	-8.7
2/24/2001	19.0	32.0	26.4	9.0	18.0	12.6	-7.2	0.0	-3.1	-12.8	-7.8	-10.8
2/25/2001	30.0	43.0	34.6	14.0	32.0	26.3	-1.1	6.1	1.4	-10.0	0.0	-3.2
2/26/2001	36.0	45.0	39.9	21.0	38.0	28.4	2.2	7.2	4.4	-6.1	3.3	-2.0
2/27/2001	22.0	47.0	32.5	19.0	27.0	22.5	-5.6	8.3	0.3	-7.2	-2.8	-5.3
2/28/2001	23.0	40.0	31.3	2.0	20.0	9.1	-5.0	4.4	-0.4	-16.7	-6.7	-12.7
3/1/2001	21.0	37.0	29.1	2.0	13.0	8.8	-6.1	2.8	-1.6	-16.7	-10.6	-12.9
3/2/2001	28.0	39.0	32.1	14.0	32.0	27.7	-2.2	3.9	0.1	-10.0	0.0	-2.4
3/3/2001	33.0	45.0	37.5	24.0	35.0	31.6	0.6	7.2	3.1	-4.4	1.7	-0.2
3/4/2001	27.0	37.0	31.9	23.0	32.0	28.1	-2.8	2.8	-0.1	-5.0	0.0	-2.2
3/5/2001	27.0	32.0	28.4	20.0	30.0	26.2	-2.8	0.0	-2.0	-6.7	-1.1	-3.2
3/6/2001	19.0	36.0	24.5	8.0	25.0	16.9	-7.2	2.2	-4.2	-13.3	-3.9	-8.4
3/7/2001	30.0	43.0	35.6	20.0	25.0	22.2	-1.1	6.1	2.0	-6.7	-3.9	-5.4
3/8/2001	30.0	41.0	35.3	19.0	27.0	23.2	-1.1	5.0	1.8	-7.2	-2.8	-4.9
3/9/2001	30.0	40.0	34.1	24.0	32.0	29.0	-1.1	4.4	1.2	-4.4	0.0	-1.7
3/10/2001	28.0	42.0	33.0	18.0	27.0	20.4	-2.2	5.6	0.6	-7.8	-2.8	-6.4
3/11/2001	22.0	44.0	32.1	18.0	31.0	22.2	-5.6	6.7	0.1	-7.8	-0.6	-5.4
3/12/2001	21.0	48.0	33.9	14.0	21.0	17.1	-6.1	8.9	1.1	-10.0	-6.1	-8.3
3/13/2001	34.0	45.0	38.0	18.0	40.0	33.7	1.1	7.2	3.3	-7.8	4.4	0.9
3/14/2001	37.0	46.0	40.7	22.0	37.0	29.2	2.8	7.8	4.8	-5.6	2.8	-1.6
3/15/2001	25.0	46.0	34.6	23.0	32.0	26.5	-3.9	7.8	1.4	-5.0	0.0	-3.1
3/16/2001	27.0	44.0	36.2	25.0	39.0	31.2	-2.8	6.7	2.3	-3.9	3.9	-0.4
3/17/2001	37.0	43.0	39.7	32.0	41.0	38.0	2.8	6.1	4.3	0.0	5.0	3.3
3/18/2001	30.0	46.0	36.3	12.0	34.0	21.6	-1.1	7.8	2.4	-11.1	1.1	-5.8
3/19/2001	26.0	51.0	37.4	10.0	21.0	16.1	-3.3	10.6	3.0	-12.2	-6.1	-8.8
3/20/2001	24.0	53.0	37.4	11.0	24.0	19.3	-4.4	11.7	3.0	-11.7	-4.4	-7.1
3/21/2001	36.0	49.0	40.6	20.0	40.0	31.6	2.2	9.4	4.8	-6.7	4.4	-0.2
3/22/2001	37.0	43.0	39.8	29.0	36.0	33.1	2.8	6.1	4.3	-1.7	2.2	0.6
3/23/2001	35.0	55.0	44.1	14.0	31.0	23.6	1.7	12.8	6.7	-10.0	-0.6	-4.7
3/24/2001	29.0	49.0	40.1	10.0	34.0	23.6	-1.7	9.4	4.5	-12.2	1.1	-4.7
3/25/2001	27.0	37.0	31.3	10.0	19.0	13.7	-2.8	2.8	-0.4	-12.2	-7.2	-10.2

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
3/26/2001	23.0	33.0	27.9	2.0	22.0	15.3	-5.0	0.6	-2.3	-16.7	-5.6	-9.3
3/27/2001	16.0	38.0	27.0	0.0	15.0	9.4	-8.9	3.3	-2.8	-17.8	-9.4	-12.6
3/28/2001	24.0	48.0	34.1	14.0	20.0	17.3	-4.4	8.9	1.2	-10.0	-6.7	-8.2
3/29/2001	29.0	45.0	37.6	18.0	38.0	27.8	-1.7	7.2	3.1	-7.8	3.3	-2.3
3/30/2001	34.0	44.0	37.8	34.0	39.0	36.2	1.1	6.7	3.2	1.1	3.9	2.3
3/31/2001	36.0	45.0	39.7	30.0	34.0	31.7	2.2	7.2	4.3	-1.1	1.1	-0.2
4/1/2001	33.0	45.0	38.5	30.0	34.0	32.3	0.6	7.2	3.6	-1.1	1.1	0.2
4/2/2001	36.0	48.0	40.4	28.0	36.0	31.7	2.2	8.9	4.7	-2.2	2.2	-0.2
4/3/2001	25.0	50.0	37.2	24.0	37.0	30.1	-3.9	10.0	2.9	-4.4	2.8	-1.1
4/4/2001	30.0	57.0	38.4	21.0	37.0	30.8	-1.1	13.9	3.6	-6.1	2.8	-0.7
4/5/2001	27.0	63.0	45.7	19.0	29.0	23.9	-2.8	17.2	7.6	-7.2	-1.7	-4.5
4/6/2001	44.0	54.0	47.2	27.0	48.0	40.1	6.7	12.2	8.4	-2.8	8.9	4.5
4/7/2001	46.0	54.0	48.6	45.0	49.0	46.7	7.8	12.2	9.2	7.2	9.4	8.2
4/8/2001	42.0	55.0	46.6	39.0	47.0	43.0	5.6	12.8	8.1	3.9	8.3	6.1
4/9/2001	39.0	77.0	52.1	39.0	63.0	48.2	3.9	25.0	11.2	3.9	17.2	9.0
4/10/2001	45.0	63.0	53.0	37.0	62.0	43.2	7.2	17.2	11.7	2.8	16.7	6.2
4/11/2001	50.0	58.0	52.5	45.0	52.0	47.8	10.0	14.4	11.4	7.2	11.1	8.8
4/12/2001	48.0	61.0	52.1	48.0	57.0	50.6	8.9	16.1	11.2	8.9	13.9	10.3
4/13/2001	50.0	71.0	58.2	29.0	58.0	47.9	10.0	21.7	14.6	-1.7	14.4	8.8
4/14/2001	39.0	68.0	53.9	26.0	36.0	31.4	3.9	20.0	12.2	-3.3	2.2	-0.3
4/15/2001	39.0	64.0	53.3	34.0	40.0	36.6	3.9	17.8	11.8	1.1	4.4	2.6
4/16/2001	44.0	58.0	48.0	37.0	49.0	43.8	6.7	14.4	8.9	2.8	9.4	6.6
4/17/2001	38.0	49.0	41.3	28.0	39.0	34.5	3.3	9.4	5.2	-2.2	3.9	1.4
4/18/2001	34.0	45.0	40.0	14.0	33.0	20.3	1.1	7.2	4.4	-10.0	0.6	-6.5
4/19/2001	24.0	56.0	38.4	15.0	27.0	21.4	-4.4	13.3	3.6	-9.4	-2.8	-5.9
4/20/2001	31.0	57.0	43.7	23.0	47.0	31.0	-0.6	13.9	6.5	-5.0	8.3	-0.6
4/21/2001	46.0	64.0	49.8	46.0	54.0	47.2	7.8	17.8	9.9	7.8	12.2	8.4
4/22/2001	49.0	82.0	62.8	48.0	61.0	54.3	9.4	27.8	17.1	8.9	16.1	12.4
4/23/2001	53.0	86.0	70.6	50.0	63.0	57.4	11.7	30.0	21.4	10.0	17.2	14.1
4/24/2001	54.0	83.0	68.5	34.0	59.0	52.2	12.2	28.3	20.3	1.1	15.0	11.2
4/25/2001	41.0	59.0	48.8	25.0	33.0	28.4	5.0	15.0	9.3	-3.9	0.6	-2.0
4/26/2001	33.0	64.0	48.7	21.0	32.0	27.5	0.6	17.8	9.3	-6.1	0.0	-2.5
4/27/2001	37.0	73.0	54.0	21.0	46.0	35.5	2.8	22.8	12.2	-6.1	7.8	1.9
4/28/2001	42.0	67.0	53.3	16.0	43.0	25.8	5.6	19.4	11.8	-8.9	6.1	-3.4
4/29/2001	30.0	66.0	47.7	15.0	30.0	24.0	-1.1	18.9	8.7	-9.4	-1.1	-4.4
4/30/2001	35.0	78.0	55.0	28.0	38.0	32.5	1.7	25.6	12.8	-2.2	3.3	0.3
5/1/2001	45.0	85.0	63.9	36.0	47.0	41.9	7.2	29.4	17.7	2.2	8.3	5.5
5/2/2001	50.0	87.0	68.8	43.0	63.0	49.5	10.0	30.6	20.4	6.1	17.2	9.7
5/3/2001	54.0	91.0	70.9	53.0	61.0	55.2	12.2	32.8	21.6	11.7	16.1	12.9
5/4/2001	56.0	90.0	73.3	54.0	63.0	57.2	13.3	32.2	22.9	12.2	17.2	14.0
5/5/2001	56.0	80.0	64.9	21.0	67.0	46.4	13.3	26.7	18.3	-6.1	19.4	8.0
5/6/2001	39.0	70.0	55.5	22.0	37.0	33.2	3.9	21.1	13.1	-5.6	2.8	0.7
5/7/2001	44.0	69.0	57.6	27.0	38.0	34.5	6.7	20.6	14.2	-2.8	3.3	1.4
5/8/2001	48.0	68.0	57.1	32.0	50.0	44.1	8.9	20.0	13.9	0.0	10.0	6.7
5/9/2001	57.0	79.0	62.3	41.0	58.0	54.0	13.9	26.1	16.8	5.0	14.4	12.2

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
5/10/2001	48.0	82.0	65.7	45.0	52.0	48.3	8.9	27.8	18.7	7.2	11.1	9.1
5/11/2001	49.0	85.0	66.4	48.0	55.0	51.6	9.4	29.4	19.1	8.9	12.8	10.9
5/12/2001	57.0	76.0	65.8	46.0	64.0	59.3	13.9	24.4	18.8	7.8	17.8	15.2
5/13/2001	49.0	65.0	56.2	27.0	46.0	36.4	9.4	18.3	13.4	-2.8	7.8	2.4
5/14/2001	36.0	62.0	49.7	28.0	47.0	37.5	2.2	16.7	9.8	-2.2	8.3	3.1
5/15/2001	42.0	73.0	52.6	30.0	46.0	40.8	5.6	22.8	11.4	-1.1	7.8	4.9
5/16/2001	40.0	72.0	56.1	26.0	45.0	37.2	4.4	22.2	13.4	-3.3	7.2	2.9
5/17/2001	53.0	66.0	56.2	44.0	54.0	47.5	11.7	18.9	13.4	6.7	12.2	8.6
5/18/2001	54.0	63.0	58.0	52.0	58.0	54.6	12.2	17.2	14.4	11.1	14.4	12.6
5/19/2001	57.0	80.0	63.5	48.0	58.0	55.5	13.9	26.7	17.5	8.9	14.4	13.1
5/20/2001	49.0	74.0	61.0	48.0	57.0	52.9	9.4	23.3	16.1	8.9	13.9	11.6
5/21/2001	52.0	63.0	56.1	50.0	55.0	52.6	11.1	17.2	13.4	10.0	12.8	11.4
5/22/2001	55.0	68.0	59.9	55.0	64.0	58.3	12.8	20.0	15.5	12.8	17.8	14.6
5/23/2001	53.0	73.0	62.9	42.0	63.0	51.6	11.7	22.8	17.2	5.6	17.2	10.9
5/24/2001	49.0	76.0	59.7	49.0	57.0	52.2	9.4	24.4	15.4	9.4	13.9	11.2
5/25/2001	60.0	71.0	64.4	52.0	57.0	55.1	15.6	21.7	18.0	11.1	13.9	12.8
5/26/2001	57.0	64.0	60.5	55.0	59.0	57.1	13.9	17.8	15.8	12.8	15.0	13.9
5/27/2001	59.0	67.0	61.0	54.0	59.0	56.1	15.0	19.4	16.1	12.2	15.0	13.4
5/28/2001	52.0	65.0	56.3	48.0	55.0	52.0	11.1	18.3	13.5	8.9	12.8	11.1
5/29/2001	49.0	71.0	59.1	45.0	56.0	50.6	9.4	21.7	15.1	7.2	13.3	10.3
5/30/2001	50.0	66.0	57.9	27.0	47.0	38.2	10.0	18.9	14.4	-2.8	8.3	3.4
5/31/2001	43.0	71.0	55.6	29.0	32.0	31.6	6.1	21.7	13.1	-1.7	0.0	-0.2
6/1/2001	41.0	66.0	53.1	31.0	54.0	42.7	5.0	18.9	11.7	-0.6	12.2	5.9
6/2/2001	54.0	71.0	60.2	48.0	57.0	51.5	12.2	21.7	15.7	8.9	13.9	10.8
6/3/2001	55.0	67.0	59.3	45.0	57.0	52.6	12.8	19.4	15.2	7.2	13.9	11.4
6/4/2001	55.0	71.0	62.4	47.0	52.0	49.4	12.8	21.7	16.9	8.3	11.1	9.7
6/5/2001	48.0	76.0	61.3	47.0	54.0	50.8	8.9	24.4	16.3	8.3	12.2	10.4
6/6/2001	60.0	73.0	66.0	51.0	56.0	54.0	15.6	22.8	18.9	10.6	13.3	12.2
6/7/2001	55.0	77.0	66.5	46.0	57.0	50.7	12.8	25.0	19.2	7.8	13.9	10.4
6/8/2001	49.0	79.0	64.7	41.0	53.0	46.9	9.4	26.1	18.2	5.0	11.7	8.3
6/9/2001	48.0	79.0	64.3	41.0	50.0	45.9	8.9	26.1	17.9	5.0	10.0	7.7
6/10/2001	48.0	80.0	62.8	45.0	56.0	50.3	8.9	26.7	17.1	7.2	13.3	10.2
6/11/2001	61.0	81.0	70.1	56.0	64.0	60.1	16.1	27.2	21.2	13.3	17.8	15.6
6/12/2001	55.0	85.0	66.9	55.0	68.0	60.5	12.8	29.4	19.4	12.8	20.0	15.8
6/13/2001	64.0	87.0	70.5	61.0	70.0	65.0	17.8	30.6	21.4	16.1	21.1	18.3
6/14/2001	63.0	90.0	76.3	61.0	70.0	65.5	17.2	32.2	24.6	16.1	21.1	18.6
6/15/2001	70.0	83.0	76.7	65.0	70.0	67.5	21.1	28.3	24.8	18.3	21.1	19.7
6/16/2001	70.0	84.0	75.4	32.0	70.0	46.7	21.1	28.9	24.1	0.0	21.1	8.2
6/17/2001	64.0	86.0	72.3	32.0	65.0	57.8	17.8	30.0	22.4	0.0	18.3	14.3
6/18/2001	59.0	84.0	71.5	54.0	61.0	57.8	15.0	28.9	21.9	12.2	16.1	14.3
6/19/2001	61.0	90.0	74.3	59.0	65.0	61.7	16.1	32.2	23.5	15.0	18.3	16.5
6/20/2001	62.0	88.0	73.4	59.0	68.0	63.8	16.7	31.1	23.0	15.0	20.0	17.7
6/21/2001	66.0	80.0	69.1	64.0	67.0	65.8	18.9	26.7	20.6	17.8	19.4	18.8
6/22/2001	64.0	80.0	71.3	64.0	70.0	66.4	17.8	26.7	21.8	17.8	21.1	19.1
6/23/2001	63.0	70.0	66.8	57.0	68.0	64.6	17.2	21.1	19.3	13.9	20.0	18.1

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

(Page 13 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
6/24/2001	55.0	78.0	63.1	55.0	61.0	56.5	12.8	25.6	17.3	12.8	16.1	13.6
6/25/2001	55.0	83.0	67.9	55.0	65.0	58.8	12.8	28.3	19.9	12.8	18.3	14.9
6/26/2001	59.0	85.0	71.2	55.0	63.0	59.9	15.0	29.4	21.8	12.8	17.2	15.5
6/27/2001	62.0	88.0	74.3	60.0	69.0	63.7	16.7	31.1	23.5	15.6	20.6	17.6
6/28/2001	64.0	89.0	75.1	62.0	71.0	66.0	17.8	31.7	23.9	16.7	21.7	18.9
6/29/2001	65.0	89.0	75.9	63.0	71.0	66.2	18.3	31.7	24.4	17.2	21.7	19.0
6/30/2001	66.0	86.0	75.4	64.0	70.0	67.8	18.9	30.0	24.1	17.8	21.1	19.9
7/1/2001	66.0	87.0	72.9	63.0	70.0	67.3	18.9	30.6	22.7	17.2	21.1	19.6
7/2/2001	52.0	71.0	61.1	39.0	68.0	44.8	11.1	21.7	16.2	3.9	20.0	7.1
7/3/2001	48.0	75.0	60.5	45.0	61.0	50.8	8.9	23.9	15.8	7.2	16.1	10.4
7/4/2001	61.0	79.0	70.3	60.0	70.0	64.2	16.1	26.1	21.3	15.6	21.1	17.9
7/5/2001	64.0	81.0	68.0	57.0	68.0	63.3	17.8	27.2	20.0	13.9	20.0	17.4
7/6/2001	53.0	76.0	63.8	47.0	64.0	54.4	11.7	24.4	17.7	8.3	17.8	12.4
7/7/2001	51.0	80.0	64.5	48.0	57.0	52.8	10.6	26.7	18.1	8.9	13.9	11.6
7/8/2001	64.0	80.0	69.5	54.0	73.0	64.4	17.8	26.7	20.8	12.2	22.8	18.0
7/9/2001	60.0	88.0	72.9	59.0	73.0	63.1	15.6	31.1	22.7	15.0	22.8	17.3
7/10/2001	61.0	83.0	71.5	60.0	67.0	64.1	16.1	28.3	21.9	15.6	19.4	17.8
7/11/2001	61.0	78.0	67.0	52.0	67.0	60.8	16.1	25.6	19.4	11.1	19.4	16.0
7/12/2001	57.0	77.0	66.3	49.0	55.0	53.3	13.9	25.0	19.1	9.4	12.8	11.8
7/13/2001	51.0	72.0	63.0	50.0	63.0	54.3	10.6	22.2	17.2	10.0	17.2	12.4
7/14/2001	56.0	77.0	66.0	53.0	63.0	56.3	13.3	25.0	18.9	11.7	17.2	13.5
7/15/2001	55.0	81.0	67.5	53.0	63.0	56.9	12.8	27.2	19.7	11.7	17.2	13.8
7/16/2001	59.0	79.0	68.8	57.0	67.0	61.6	15.0	26.1	20.4	13.9	19.4	16.4
7/17/2001	64.0	84.0	70.4	64.0	67.0	65.2	17.8	28.9	21.3	17.8	19.4	18.4
7/18/2001	66.0	82.0	69.8	64.0	68.0	65.6	18.9	27.8	21.0	17.8	20.0	18.7
7/19/2001	63.0	82.0	70.2	60.0	69.0	64.3	17.2	27.8	21.2	15.6	20.6	17.9
7/20/2001	63.0	82.0	72.6	54.0	68.0	62.1	17.2	27.8	22.6	12.2	20.0	16.7
7/21/2001	55.0	84.0	69.5	52.0	62.0	56.0	12.8	28.9	20.8	11.1	16.7	13.3
7/22/2001	55.0	85.0	69.7	54.0	62.0	58.0	12.8	29.4	20.9	12.2	16.7	14.4
7/23/2001	61.0	90.0	75.7	59.0	68.0	63.3	16.1	32.2	24.3	15.0	20.0	17.4
7/24/2001	67.0	96.0	80.5	64.0	72.0	67.0	19.4	35.6	26.9	17.8	22.2	19.4
7/25/2001	70.0	90.0	76.1	69.0	74.0	71.0	21.1	32.2	24.5	20.6	23.3	21.7
7/26/2001	66.0	77.0	70.7	48.0	72.0	64.3	18.9	25.0	21.5	8.9	22.2	17.9
7/27/2001	49.0	77.0	63.6	45.0	50.0	47.1	9.4	25.0	17.6	7.2	10.0	8.4
7/28/2001	53.0	81.0	65.9	49.0	57.0	53.3	11.7	27.2	18.8	9.4	13.9	11.8
7/29/2001	64.0	75.0	68.6	54.0	59.0	56.5	17.8	23.9	20.3	12.2	15.0	13.6
7/30/2001	63.0	75.0	68.0	57.0	64.0	60.5	17.2	23.9	20.0	13.9	17.8	15.8
7/31/2001	64.0	85.0	72.5	60.0	65.0	63.0	17.8	29.4	22.5	15.6	18.3	17.2
8/1/2001	60.0	87.0	73.0	59.0	65.0	61.4	15.6	30.6	22.8	15.0	18.3	16.3
8/2/2001	63.0	92.0	75.2	61.0	66.0	62.8	17.2	33.3	24.0	16.1	18.9	17.1
8/3/2001	68.0	86.0	76.8	58.0	71.0	65.6	20.0	30.0	24.9	14.4	21.7	18.7
8/4/2001	72.0	88.0	76.0	66.0	72.0	70.2	22.2	31.1	24.4	18.9	22.2	21.2
8/5/2001	66.0	90.0	72.1	59.0	71.0	66.8	18.9	32.2	22.3	15.0	21.7	19.3
8/6/2001	66.0	93.0	79.7	32.0	70.0	56.6	18.9	33.9	26.5	0.0	21.1	13.7
8/7/2001	69.0	96.0	81.8	63.0	73.0	67.3	20.6	35.6	27.7	17.2	22.8	19.6

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
8/8/2001	74.0	98.0	85.0	58.0	72.0	67.8	23.3	36.7	29.4	14.4	22.2	19.9
8/9/2001	67.0	99.0	81.1	63.0	72.0	66.1	19.4	37.2	27.3	17.2	22.2	18.9
8/10/2001	73.0	90.0	77.6	68.0	75.0	72.0	22.8	32.2	25.3	20.0	23.9	22.2
8/11/2001	66.0	79.0	73.3	59.0	73.0	65.7	18.9	26.1	22.9	15.0	22.8	18.7
8/12/2001	68.0	81.0	73.7	64.0	72.0	67.5	20.0	27.2	23.2	17.8	22.2	19.7
8/13/2001	68.0	88.0	74.3	56.0	71.0	67.4	20.0	31.1	23.5	13.3	21.7	19.7
8/14/2001	65.0	85.0	75.1	51.0	63.0	59.1	18.3	29.4	23.9	10.6	17.2	15.1
8/15/2001	57.0	85.0	71.0	53.0	61.0	56.6	13.9	29.4	21.7	11.7	16.1	13.7
8/16/2001	60.0	85.0	72.7	55.0	70.0	62.9	15.6	29.4	22.6	12.8	21.1	17.2
8/17/2001	69.0	82.0	73.3	55.0	70.0	66.8	20.6	27.8	22.9	12.8	21.1	19.3
8/18/2001	59.0	81.0	68.1	57.0	64.0	60.0	15.0	27.2	20.1	13.9	17.8	15.6
8/19/2001	62.0	84.0	72.2	60.0	66.0	63.3	16.7	28.9	22.3	15.6	18.9	17.4
8/20/2001	66.0	80.0	69.5	59.0	67.0	64.9	18.9	26.7	20.8	15.0	19.4	18.3
8/21/2001	63.0	79.0	70.4	57.0	63.0	60.6	17.2	26.1	21.3	13.9	17.2	15.9
8/22/2001	57.0	81.0	68.0	53.0	61.0	57.3	13.9	27.2	20.0	11.7	16.1	14.1
8/23/2001	61.0	70.0	64.2	57.0	65.0	60.8	16.1	21.1	17.9	13.9	18.3	16.0
8/24/2001	62.0	82.0	68.2	55.0	65.0	62.5	16.7	27.8	20.1	12.8	18.3	16.9
8/25/2001	52.0	81.0	65.8	51.0	61.0	56.3	11.1	27.2	18.8	10.6	16.1	13.5
8/26/2001	66.0	83.0	72.7	59.0	66.0	62.1	18.9	28.3	22.6	15.0	18.9	16.7
8/27/2001	69.0	82.0	74.2	60.0	72.0	67.8	20.6	27.8	23.4	15.6	22.2	19.9
8/28/2001	62.0	81.0	67.2	61.0	66.0	63.4	16.7	27.2	19.6	16.1	18.9	17.4
8/29/2001	62.0	79.0	67.4	52.0	66.0	61.9	16.7	26.1	19.7	11.1	18.9	16.6
8/30/2001	56.0	79.0	65.7	53.0	68.0	59.4	13.3	26.1	18.7	11.7	20.0	15.2
8/31/2001	68.0	79.0	71.9	66.0	73.0	68.4	20.0	26.1	22.2	18.9	22.8	20.2
9/1/2001	60.0	70.0	67.8	48.0	68.0	60.7	15.6	21.1	19.9	8.9	20.0	15.9
9/2/2001	48.0	70.0	55.2	42.0	53.0	48.3	8.9	21.1	12.9	5.6	11.7	9.1
9/3/2001	48.0	77.0	58.6	46.0	61.0	51.7	8.9	25.0	14.8	7.8	16.1	10.9
9/4/2001	61.0	79.0	69.5	55.0	70.0	63.2	16.1	26.1	20.8	12.8	21.1	17.3
9/5/2001	55.0	73.0	64.2	48.0	60.0	52.6	12.8	22.8	17.9	8.9	15.6	11.4
9/6/2001	49.0	76.0	58.1	48.0	57.0	50.3	9.4	24.4	14.5	8.9	13.9	10.2
9/7/2001	49.0	83.0	60.6	48.0	65.0	54.0	9.4	28.3	15.9	8.9	18.3	12.2
9/8/2001	61.0	83.0	71.7	59.0	67.0	62.4	16.1	28.3	22.1	15.0	19.4	16.9
9/9/2001	61.0	82.0	70.9	59.0	67.0	62.1	16.1	27.8	21.6	15.0	19.4	16.7
9/10/2001	66.0	78.0	71.4	60.0	69.0	64.6	18.9	25.6	21.9	15.6	20.6	18.1
9/11/2001	55.0	77.0	63.0	51.0	61.0	55.5	12.8	25.0	17.2	10.6	16.1	13.1
9/12/2001	52.0	75.0	60.1	50.0	59.0	53.2	11.1	23.9	15.6	10.0	15.0	11.8
9/13/2001	52.0	81.0	60.9	51.0	63.0	55.8	11.1	27.2	16.1	10.6	17.2	13.2
9/14/2001	53.0	65.0	58.3	39.0	63.0	49.5	11.7	18.3	14.6	3.9	17.2	9.7
9/15/2001	44.0	66.0	53.2	41.0	49.0	43.8	6.7	18.9	11.8	5.0	9.4	6.6
9/16/2001	45.0	71.0	52.3	44.0	55.0	47.0	7.2	21.7	11.3	6.7	12.8	8.3
9/17/2001	48.0	74.0	55.7	46.0	57.0	49.2	8.9	23.3	13.2	7.8	13.9	9.6
9/18/2001	51.0	75.0	59.4	50.0	61.0	53.1	10.6	23.9	15.2	10.0	16.1	11.7
9/19/2001	52.0	77.0	60.9	51.0	59.0	53.9	11.1	25.0	16.1	10.6	15.0	12.2
9/20/2001	64.0	72.0	66.8	54.0	64.0	61.0	17.8	22.2	19.3	12.2	17.8	16.1
9/21/2001	60.0	75.0	64.9	56.0	63.0	60.6	15.6	23.9	18.3	13.3	17.2	15.9

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
9/22/2001	55.0	74.0	63.6	55.0	59.0	56.8	12.8	23.3	17.6	12.8	15.0	13.8
9/23/2001	53.0	74.0	58.9	53.0	60.0	54.8	11.7	23.3	14.9	11.7	15.6	12.7
9/24/2001	55.0	71.0	64.5	53.0	66.0	61.7	12.8	21.7	18.1	11.7	18.9	16.5
9/25/2001	52.0	63.0	59.1	41.0	63.0	55.8	11.1	17.2	15.1	5.0	17.2	13.2
9/26/2001	41.0	58.0	49.6	37.0	42.0	40.1	5.0	14.4	9.8	2.8	5.6	4.5
9/27/2001	48.0	58.0	53.6	37.0	48.0	43.3	8.9	14.4	12.0	2.8	8.9	6.3
9/28/2001	46.0	58.0	50.1	43.0	50.0	45.7	7.8	14.4	10.1	6.1	10.0	7.6
9/29/2001	50.0	64.0	54.4	40.0	50.0	44.9	10.0	17.8	12.4	4.4	10.0	7.2
9/30/2001	41.0	65.0	49.5	35.0	48.0	41.8	5.0	18.3	9.7	1.7	8.9	5.4
10/1/2001	43.0	72.0	53.5	39.0	53.0	44.3	6.1	22.2	11.9	3.9	11.7	6.8
10/2/2001	46.0	75.0	57.5	44.0	58.0	50.4	7.8	23.9	14.2	6.7	14.4	10.2
10/3/2001	52.0	79.0	60.4	52.0	61.0	55.6	11.1	26.1	15.8	11.1	16.1	13.1
10/4/2001	48.0	80.0	58.9	46.0	60.0	51.9	8.9	26.7	14.9	7.8	15.6	11.1
10/5/2001	48.0	77.0	58.8	48.0	57.0	52.0	8.9	25.0	14.9	8.9	13.9	11.1
10/6/2001	50.0	70.0	59.5	32.0	55.0	45.6	10.0	21.1	15.3	0.0	12.8	7.6
10/7/2001	39.0	50.0	45.9	24.0	35.0	29.6	3.9	10.0	7.7	-4.4	1.7	-1.3
10/8/2001	33.0	53.0	41.7	22.0	32.0	27.9	0.6	11.7	5.4	-5.6	0.0	-2.3
10/9/2001	28.0	60.0	38.2	25.0	32.0	28.1	-2.2	15.6	3.4	-3.9	0.0	-2.2
10/10/2001	37.0	66.0	50.4	25.0	39.0	34.0	2.8	18.9	10.2	-3.9	3.9	1.1
10/11/2001	39.0	73.0	53.1	37.0	53.0	43.8	3.9	22.8	11.7	2.8	11.7	6.6
10/12/2001	48.0	70.0	57.6	47.0	58.0	51.8	8.9	21.1	14.2	8.3	14.4	11.0
10/13/2001	57.0	77.0	66.2	55.0	59.0	57.5	13.9	25.0	19.0	12.8	15.0	14.2
10/14/2001	62.0	71.0	65.5	51.0	61.0	55.5	16.7	21.7	18.6	10.6	16.1	13.1
10/15/2001	46.0	64.0	55.9	34.0	63.0	49.4	7.8	17.8	13.3	1.1	17.2	9.7
10/16/2001	37.0	64.0	47.5	36.0	46.0	40.4	2.8	17.8	8.6	2.2	7.8	4.7
10/17/2001	46.0	52.0	48.3	24.0	44.0	34.4	7.8	11.1	9.1	-4.4	6.7	1.3
10/18/2001	32.0	56.0	43.1	24.0	35.0	29.0	0.0	13.3	6.2	-4.4	1.7	-1.7
10/19/2001	33.0	60.0	45.2	31.0	37.0	34.3	0.6	15.6	7.3	-0.6	2.8	1.3
10/20/2001	43.0	67.0	52.7	37.0	43.0	40.3	6.1	19.4	11.5	2.8	6.1	4.6
10/21/2001	39.0	74.0	52.2	37.0	47.0	41.3	3.9	23.3	11.2	2.8	8.3	5.2
10/22/2001	52.0	68.0	55.8	44.0	53.0	49.6	11.1	20.0	13.2	6.7	11.7	9.8
10/23/2001	46.0	66.0	53.6	46.0	57.0	49.9	7.8	18.9	12.0	7.8	13.9	9.9
10/24/2001	57.0	73.0	61.5	55.0	60.0	58.1	13.9	22.8	16.4	12.8	15.6	14.5
10/25/2001	54.0	70.0	63.0	25.0	59.0	45.7	12.2	21.1	17.2	-3.9	15.0	7.6
10/26/2001	41.0	56.0	48.7	23.0	30.0	25.9	5.0	13.3	9.3	-5.0	-1.1	-3.4
10/27/2001	39.0	47.0	41.3	22.0	34.0	29.2	3.9	8.3	5.2	-5.6	1.1	-1.6
10/28/2001	32.0	48.0	39.9	23.0	27.0	25.1	0.0	8.9	4.4	-5.0	-2.8	-3.8
10/29/2001	27.0	56.0	38.0	24.0	32.0	27.4	-2.8	13.3	3.3	-4.4	0.0	-2.6
10/30/2001	42.0	56.0	48.2	17.0	39.0	30.6	5.6	13.3	9.0	-8.3	3.9	-0.8
10/31/2001	40.0	50.0	44.8	18.0	32.0	27.1	4.4	10.0	7.1	-7.8	0.0	-2.7
11/1/2001	35.0	63.0	46.6	30.0	45.0	37.0	1.7	17.2	8.1	-1.1	7.2	2.8
11/2/2001	46.0	73.0	57.7	42.0	51.0	45.7	7.8	22.8	14.3	5.6	10.6	7.6
11/3/2001	52.0	71.0	59.0	33.0	56.0	47.0	11.1	21.7	15.0	0.6	13.3	8.3
11/4/2001	39.0	57.0	46.1	35.0	41.0	37.3	3.9	13.9	7.8	1.7	5.0	2.9
11/5/2001	39.0	57.0	44.9	23.0	39.0	27.3	3.9	13.9	7.2	-5.0	3.9	-2.6

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
11/6/2001	39.0	55.0	44.4	20.0	27.0	24.7	3.9	12.8	6.9	-6.7	-2.8	-4.1
11/7/2001	39.0	65.0	51.2	24.0	42.0	32.8	3.9	18.3	10.7	-4.4	5.6	0.4
11/8/2001	38.0	66.0	49.8	32.0	43.0	38.6	3.3	18.9	9.9	0.0	6.1	3.7
11/9/2001	41.0	66.0	48.7	22.0	43.0	28.5	5.0	18.9	9.3	-5.6	6.1	-1.9
11/10/2001	29.0	61.0	40.2	24.0	32.0	27.4	-1.7	16.1	4.6	-4.4	0.0	-2.6
11/11/2001	36.0	50.0	43.4	17.0	36.0	25.7	2.2	10.0	6.3	-8.3	2.2	-3.5
11/12/2001	23.0	49.0	34.6	19.0	27.0	22.8	-5.0	9.4	1.4	-7.2	-2.8	-5.1
11/13/2001	24.0	52.0	35.4	21.0	30.0	26.1	-4.4	11.1	1.9	-6.1	-1.1	-3.3
11/14/2001	27.0	56.0	37.1	24.0	32.0	28.0	-2.8	13.3	2.8	-4.4	0.0	-2.2
11/15/2001	37.0	58.0	45.5	30.0	47.0	39.0	2.8	14.4	7.5	-1.1	8.3	3.9
11/16/2001	38.0	70.0	48.7	36.0	48.0	40.8	3.3	21.1	9.3	2.2	8.9	4.9
11/17/2001	34.0	58.0	45.7	28.0	42.0	34.4	1.1	14.4	7.6	-2.2	5.6	1.3
11/18/2001	28.0	52.0	37.7	25.0	41.0	31.0	-2.2	11.1	3.2	-3.9	5.0	-0.6
11/19/2001	34.0	55.0	40.9	33.0	43.0	38.0	1.1	12.8	4.9	0.6	6.1	3.3
11/20/2001	37.0	57.0	44.4	21.0	46.0	32.0	2.8	13.9	6.9	-6.1	7.8	0.0
11/21/2001	28.0	46.0	37.5	21.0	26.0	23.4	-2.2	7.8	3.1	-6.1	-3.3	-4.8
11/22/2001	26.0	50.0	36.3	22.0	30.0	25.6	-3.3	10.0	2.4	-5.6	-1.1	-3.6
11/23/2001	26.0	56.0	37.9	24.0	31.0	27.6	-3.3	13.3	3.3	-4.4	-0.6	-2.4
11/24/2001	33.0	59.0	47.0	28.0	55.0	42.6	0.6	15.0	8.3	-2.2	12.8	5.9
11/25/2001	53.0	62.0	58.3	48.0	57.0	54.5	11.7	16.7	14.6	8.9	13.9	12.5
11/26/2001	45.0	55.0	48.7	42.0	49.0	45.3	7.2	12.8	9.3	5.6	9.4	7.4
11/27/2001	37.0	52.0	41.9	37.0	45.0	39.3	2.8	11.1	5.5	2.8	7.2	4.1
11/28/2001	48.0	55.0	50.6	45.0	50.0	47.1	8.9	12.8	10.3	7.2	10.0	8.4
11/29/2001	49.0	54.0	51.5	46.0	52.0	49.1	9.4	12.2	10.8	7.8	11.1	9.5
11/30/2001	52.0	64.0	58.0	51.0	61.0	56.1	11.1	17.8	14.4	10.6	16.1	13.4
12/1/2001	46.0	57.0	51.7	36.0	57.0	46.0	7.8	13.9	10.9	2.2	13.9	7.8
12/2/2001	39.0	52.0	44.8	35.0	39.0	36.9	3.9	11.1	7.1	1.7	3.9	2.7
12/3/2001	30.0	51.0	36.5	29.0	36.0	31.1	-1.1	10.6	2.5	-1.7	2.2	-0.5
12/4/2001	30.0	58.0	39.5	28.0	32.0	30.9	-1.1	14.4	4.2	-2.2	0.0	-0.6
12/5/2001	46.0	65.0	53.0	30.0	48.0	41.1	7.8	18.3	11.7	-1.1	8.9	5.1
12/6/2001	39.0	60.0	49.5	39.0	46.0	42.5	3.9	15.6	9.7	3.9	7.8	5.8
12/7/2001	43.0	56.0	49.3	31.0	48.0	43.7	6.1	13.3	9.6	-0.6	8.9	6.5
12/8/2001	30.0	42.0	33.3	27.0	34.0	30.8	-1.1	5.6	0.7	-2.8	1.1	-0.7
12/9/2001	32.0	43.0	35.2	27.0	34.0	31.8	0.0	6.1	1.8	-2.8	1.1	-0.1
12/10/2001	25.0	39.0	29.0	24.0	29.0	26.5	-3.9	3.9	-1.7	-4.4	-1.7	-3.1
12/11/2001	36.0	50.0	45.1	32.0	36.0	34.0	2.2	10.0	7.3	0.0	2.2	1.1
12/12/2001	26.0	45.0	33.3	25.0	32.0	29.0	-3.3	7.2	0.7	-3.9	0.0	-1.7
12/13/2001	42.0	48.0	45.3	30.0	47.0	41.9	5.6	8.9	7.4	-1.1	8.3	5.5
12/14/2001	46.0	55.0	48.3	46.0	52.0	47.3	7.8	12.8	9.1	7.8	11.1	8.5
12/15/2001	36.0	56.0	43.7	22.0	52.0	31.0	2.2	13.3	6.5	-5.6	11.1	-0.6
12/16/2001	26.0	38.0	31.4	22.0	28.0	25.3	-3.3	3.3	-0.3	-5.6	-2.2	-3.7
12/17/2001	36.0	41.0	37.6	25.0	39.0	32.2	2.2	5.0	3.1	-3.9	3.9	0.1
12/18/2001	39.0	46.0	42.4	32.0	42.0	37.3	3.9	7.8	5.8	0.0	5.6	2.9
12/19/2001	37.0	47.0	41.8	30.0	33.0	30.9	2.8	8.3	5.4	-1.1	0.6	-0.6
12/20/2001	32.0	40.0	36.3	21.0	34.0	27.6	0.0	4.4	2.4	-6.1	1.1	-2.4

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
12/21/2001	33.0	40.0	36.2	15.0	27.0	20.9	0.6	4.4	2.3	-9.4	-2.8	-6.2
12/22/2001	25.0	38.0	31.0	16.0	22.0	19.2	-3.9	3.3	-0.6	-8.9	-5.6	-7.1
12/23/2001	26.0	41.0	33.0	21.0	27.0	22.8	-3.3	5.0	0.6	-6.1	-2.8	-5.1
12/24/2001	28.0	40.0	35.1	19.0	32.0	25.9	-2.2	4.4	1.7	-7.2	0.0	-3.4
12/25/2001	23.0	32.0	27.9	10.0	19.0	14.1	-5.0	0.0	-2.3	-12.2	-7.2	-9.9
12/26/2001	20.0	30.0	24.2	9.0	17.0	13.2	-6.7	-1.1	-4.3	-12.8	-8.3	-10.4
12/27/2001	14.0	27.0	21.7	10.0	15.0	12.7	-10.0	-2.8	-5.7	-12.2	-9.4	-10.7
12/28/2001	25.0	35.0	28.8	12.0	27.0	18.8	-3.9	1.7	-1.8	-11.1	-2.8	-7.3
12/29/2001	17.0	31.0	24.0	12.0	22.0	16.2	-8.3	-0.6	-4.4	-11.1	-5.6	-8.8
12/30/2001	19.0	27.0	22.6	6.0	13.0	9.1	-7.2	-2.8	-5.2	-14.4	-10.6	-12.7
12/31/2001	16.0	26.0	22.6	5.0	8.0	9.1	-8.9	-3.3	-5.2	-15.0	-13.3	-12.7
1/1/2002	12.0	32.0	21.9	6.0	14.0	9.2	-11.1	0.0	-5.6	-14.4	-10.0	-12.7
1/2/2002	12.0	33.0	22.5	9.0	16.0	13.5	-11.1	0.6	-5.3	-12.8	-8.9	-10.3
1/3/2002	11.0	31.0	20.4	9.0	16.0	13.5	-11.7	-0.6	-6.4	-12.8	-8.9	-10.3
1/4/2002	32.0	35.0	33.0	11.0	12.0	11.8	0.0	1.7	0.6	-11.7	-11.1	-11.2
1/5/2002	27.0	41.0	32.8	12.0	21.0	15.5	-2.8	5.0	0.4	-11.1	-6.1	-9.2
1/6/2002	28.0	39.0	32.3	13.0	31.0	22.2	-2.2	3.9	0.2	-10.6	-0.6	-5.4
1/7/2002	28.0	34.0	31.9	19.0	31.0	27.7	-2.2	1.1	-0.1	-7.2	-0.6	-2.4
1/8/2002	20.0	30.0	25.1	14.0	19.0	16.2	-6.7	-1.1	-3.8	-10.0	-7.2	-8.8
1/9/2002	21.0	41.0	29.3	16.0	28.0	21.0	-6.1	5.0	-1.5	-8.9	-2.2	-6.1
1/10/2002	36.0	49.0	43.1	29.0	34.0	31.4	2.2	9.4	6.2	-1.7	1.1	-0.3
1/11/2002	32.0	41.0	35.8	24.0	35.0	29.7	0.0	5.0	2.1	-4.4	1.7	-1.3
1/12/2002	31.0	42.0	37.6	24.0	26.0	24.8	-0.6	5.6	3.1	-4.4	-3.3	-4.0
1/13/2002	32.0	40.0	36.2	18.0	30.0	24.1	0.0	4.4	2.3	-7.8	-1.1	-4.4
1/14/2002	28.0	43.0	35.0	19.0	23.0	21.1	-2.2	6.1	1.7	-7.2	-5.0	-6.1
1/15/2002	35.0	42.0	38.8	22.0	30.0	27.0	1.7	5.6	3.8	-5.6	-1.1	-2.8
1/16/2002	33.0	37.0	35.6	17.0	29.0	21.3	0.6	2.8	2.0	-8.3	-1.7	-5.9
1/17/2002	32.0	42.0	35.9	16.0	27.0	21.1	0.0	5.6	2.2	-8.9	-2.8	-6.1
1/18/2002	29.0	35.0	31.6	8.0	18.0	13.5	-1.7	1.7	-0.2	-13.3	-7.8	-10.3
1/19/2002	21.0	30.0	25.0	10.0	25.0	19.1	-6.1	-1.1	-3.9	-12.2	-3.9	-7.2
1/20/2002	12.0	32.0	23.4	9.0	25.0	20.4	-11.1	0.0	-4.8	-12.8	-3.9	-6.4
1/21/2002	24.0	36.0	30.4	20.0	31.0	25.6	-4.4	2.2	-0.9	-6.7	-0.6	-3.6
1/22/2002	31.0	44.0	37.4	19.0	30.0	23.7	-0.6	6.7	3.0	-7.2	-1.1	-4.6
1/23/2002	29.0	45.0	38.6	23.0	31.0	27.0	-1.7	7.2	3.7	-5.0	-0.6	-2.8
1/24/2002	36.0	43.0	39.1	28.0	36.0	30.4	2.2	6.1	3.9	-2.2	2.2	-0.9
1/25/2002	30.0	45.0	38.4	16.0	30.0	24.3	-1.1	7.2	3.6	-8.9	-1.1	-4.3
1/26/2002	22.0	54.0	34.7	17.0	26.0	20.7	-5.6	12.2	1.5	-8.3	-3.3	-6.3
1/27/2002	24.0	57.0	35.9	21.0	29.0	24.4	-4.4	13.9	2.2	-6.1	-1.7	-4.2
1/28/2002	25.0	55.0	36.2	24.0	31.0	28.1	-3.9	12.8	2.3	-4.4	-0.6	-2.2
1/29/2002	32.0	58.0	40.8	30.0	32.0	30.8	0.0	14.4	4.9	-1.1	0.0	-0.7
1/30/2002	45.0	54.0	49.0	27.0	52.0	43.2	7.2	12.2	9.4	-2.8	11.1	6.2
1/31/2002	33.0	45.0	36.5	28.0	39.0	33.5	0.6	7.2	2.5	-2.2	3.9	0.8
2/1/2002	39.0	57.0	42.4	23.0	47.0	38.4	3.9	13.9	5.8	-5.0	8.3	3.6
2/2/2002	27.0	42.0	32.6	12.0	23.0	14.5	-2.8	5.6	0.3	-11.1	-5.0	-9.7
2/3/2002	19.0	43.0	29.1	17.0	21.0	18.2	-7.2	6.1	-1.6	-8.3	-6.1	-7.7

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
2/4/2002	21.0	36.0	30.0	7.0	29.0	21.9	-6.1	2.2	-1.1	-13.9	-1.7	-5.6
2/5/2002	15.0	34.0	22.4	2.0	10.0	5.6	-9.4	1.1	-5.3	-16.7	-12.2	-14.7
2/6/2002	29.0	39.0	32.9	8.0	23.0	16.6	-1.7	3.9	0.5	-13.3	-5.0	-8.6
2/7/2002	29.0	45.0	33.3	22.0	32.0	26.8	-1.7	7.2	0.7	-5.6	0.0	-2.9
2/8/2002	26.0	51.0	37.3	19.0	31.0	25.2	-3.3	10.6	2.9	-7.2	-0.6	-3.8
2/9/2002	28.0	48.0	37.7	20.0	27.0	25.4	-2.2	8.9	3.2	-6.7	-2.8	-3.7
2/10/2002	39.0	45.0	40.9	24.0	40.0	34.8	3.9	7.2	4.9	-4.4	4.4	1.6
2/11/2002	26.0	43.0	36.0	2.0	41.0	28.1	-3.3	6.1	2.2	-16.7	5.0	-2.2
2/12/2002	20.0	48.0	32.0	2.0	25.0	15.4	-6.7	8.9	0.0	-16.7	-3.9	-9.2
2/13/2002	27.0	42.0	32.8	0.0	28.0	13.3	-2.8	5.6	0.4	-17.8	-2.2	-10.4
2/14/2002	12.0	42.0	24.6	0.0	14.0	8.4	-11.1	5.6	-4.1	-17.8	-10.0	-13.1
2/15/2002	26.0	43.0	32.9	8.0	21.0	15.2	-3.3	6.1	0.5	-13.3	-6.1	-9.3
2/16/2002	35.0	48.0	42.5	21.0	30.0	24.6	1.7	8.9	5.8	-6.1	-1.1	-4.1
2/17/2002	30.0	47.0	37.2	12.0	31.0	22.4	-1.1	8.3	2.9	-11.1	-0.6	-5.3
2/18/2002	21.0	42.0	29.9	12.0	19.0	14.2	-6.1	5.6	-1.2	-11.1	-7.2	-9.9
2/19/2002	19.0	48.0	31.6	15.0	20.0	16.9	-7.2	8.9	-0.2	-9.4	-6.7	-8.4
2/20/2002	41.0	55.0	47.2	17.0	31.0	22.7	5.0	12.8	8.4	-8.3	-0.6	-5.2
2/21/2002	39.0	55.0	47.1	28.0	31.0	30.0	3.9	12.8	8.4	-2.2	-0.6	-1.1
2/22/2002	37.0	45.0	39.8	25.0	31.0	28.1	2.8	7.2	4.3	-3.9	-0.6	-2.2
2/23/2002	30.0	44.0	35.6	12.0	26.0	17.4	-1.1	6.7	2.0	-11.1	-3.3	-8.1
2/24/2002	19.0	50.0	32.6	17.0	22.0	18.5	-7.2	10.0	0.3	-8.3	-5.6	-7.5
2/25/2002	28.0	57.0	40.3	17.0	25.0	20.5	-2.2	13.9	4.6	-8.3	-3.9	-6.4
2/26/2002	30.0	55.0	44.2	24.0	31.0	28.6	-1.1	12.8	6.8	-4.4	-0.6	-1.9
2/27/2002	27.0	41.0	32.9	10.0	31.0	18.1	-2.8	5.0	0.5	-12.2	-0.6	-7.7
2/28/2002	24.0	37.0	28.6	8.0	20.0	12.5	-4.4	2.8	-1.9	-13.3	-6.7	-10.8
3/1/2002	18.0	44.0	29.0	11.0	16.0	13.3	-7.8	6.7	-1.7	-11.7	-8.9	-10.4
3/2/2002	23.0	45.0	33.2	14.0	30.0	20.0	-5.0	7.2	0.7	-10.0	-1.1	-6.7
3/3/2002	37.0	54.0	47.5	18.0	31.0	29.3	2.8	12.2	8.6	-7.8	-0.6	-1.5
3/4/2002	21.0	38.0	26.7	3.0	18.0	10.6	-6.1	3.3	-2.9	-16.1	-7.8	-11.9
3/5/2002	14.0	32.0	20.9	-2.0	19.0	5.9	-10.0	0.0	-6.2	-18.9	-7.2	-14.5
3/6/2002	21.0	62.0	36.3	17.0	25.0	20.4	-6.1	16.7	2.4	-8.3	-3.9	-6.4
3/7/2002	27.0	56.0	40.7	18.0	30.0	23.8	-2.8	13.3	4.8	-7.8	-1.1	-4.6
3/8/2002	31.0	66.0	46.4	28.0	34.0	30.7	-0.6	18.9	8.0	-2.2	1.1	-0.7
3/9/2002	50.0	63.0	58.3	27.0	56.0	46.3	10.0	17.2	14.6	-2.8	13.3	7.9
3/10/2002	28.0	64.0	39.5	5.0	56.0	21.8	-2.2	17.8	4.2	-15.0	13.3	-5.7
3/11/2002	24.0	40.0	29.6	5.0	14.0	9.4	-4.4	4.4	-1.3	-15.0	-10.0	-12.6
3/12/2002	33.0	46.0	38.0	10.0	30.0	18.5	0.6	7.8	3.3	-12.2	-1.1	-7.5
3/13/2002	33.0	45.0	41.2	26.0	43.0	36.0	0.6	7.2	5.1	-3.3	6.1	2.2
3/14/2002	43.0	62.0	47.8	36.0	43.0	41.1	6.1	16.7	8.8	2.2	6.1	5.1
3/15/2002	52.0	68.0	57.9	40.0	54.0	45.4	11.1	20.0	14.4	4.4	12.2	7.4
3/16/2002	36.0	64.0	50.2	25.0	56.0	44.2	2.2	17.8	10.1	-3.9	13.3	6.8
3/17/2002	27.0	36.0	32.4	17.0	31.0	24.2	-2.8	2.2	0.2	-8.3	-0.6	-4.3
3/18/2002	33.0	39.0	35.5	30.0	36.0	32.6	0.6	3.9	1.9	-1.1	2.2	0.3
3/19/2002	37.0	44.0	39.4	26.0	37.0	31.3	2.8	6.7	4.1	-3.3	2.8	-0.4
3/20/2002	35.0	41.0	37.7	28.0	38.0	34.1	1.7	5.0	3.2	-2.2	3.3	1.2

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

(Page 19 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
3/21/2002	32.0	54.0	39.8	25.0	39.0	30.8	0.0	12.2	4.3	-3.9	3.9	-0.7
3/22/2002	18.0	34.0	23.7	0.0	25.0	8.2	-7.8	1.1	-4.6	-17.8	-3.9	-13.2
3/23/2002	19.0	47.0	30.9	8.0	17.0	13.0	-7.2	8.3	-0.6	-13.3	-8.3	-10.6
3/24/2002	25.0	51.0	38.3	13.0	31.0	20.9	-3.9	10.6	3.5	-10.6	-0.6	-6.2
3/25/2002	32.0	40.0	34.6	20.0	31.0	28.0	0.0	4.4	1.4	-6.7	-0.6	-2.2
3/26/2002	32.0	37.0	35.4	28.0	36.0	32.9	0.0	2.8	1.9	-2.2	2.2	0.5
3/27/2002	36.0	42.0	38.6	24.0	36.0	31.6	2.2	5.6	3.7	-4.4	2.2	-0.2
3/28/2002	27.0	52.0	37.6	18.0	27.0	22.3	-2.8	11.1	3.1	-7.8	-2.8	-5.4
3/29/2002	34.0	63.0	45.5	24.0	41.0	30.1	1.1	17.2	7.5	-4.4	5.0	-1.1
3/30/2002	53.0	64.0	57.3	24.0	46.0	35.8	11.7	17.8	14.1	-4.4	7.8	2.1
3/31/2002	38.0	59.0	50.0	26.0	43.0	32.7	3.3	15.0	10.0	-3.3	6.1	0.4
4/1/2002	44.0	52.0	46.9	18.0	45.0	36.4	6.7	11.1	8.3	-7.8	7.2	2.4
4/2/2002	34.0	63.0	44.5	18.0	36.0	26.5	1.1	17.2	6.9	-7.8	2.2	-3.1
4/3/2002	39.0	61.0	52.6	24.0	47.0	38.4	3.9	16.1	11.4	-4.4	8.3	3.6
4/4/2002	29.0	47.0	38.4	16.0	24.0	20.4	-1.7	8.3	3.6	-8.9	-4.4	-6.4
4/5/2002	24.0	41.0	33.3	14.0	20.0	17.6	-4.4	5.0	0.7	-10.0	-6.7	-8.0
4/6/2002	28.0	41.0	33.2	17.0	29.0	24.3	-2.2	5.0	0.7	-8.3	-1.7	-4.3
4/7/2002	22.0	49.0	34.5	17.0	22.0	19.0	-5.6	9.4	1.4	-8.3	-5.6	-7.2
4/8/2002	43.0	59.0	48.0	20.0	37.0	29.9	6.1	15.0	8.9	-6.7	2.8	-1.2
4/9/2002	57.0	66.0	61.2	37.0	58.0	49.3	13.9	18.9	16.2	2.8	14.4	9.6
4/10/2002	45.0	64.0	53.7	27.0	57.0	37.7	7.2	17.8	12.1	-2.8	13.9	3.2
4/11/2002	33.0	67.0	51.4	29.0	36.0	32.6	0.6	19.4	10.8	-1.7	2.2	0.3
4/12/2002	41.0	62.0	50.8	28.0	48.0	37.6	5.0	16.7	10.4	-2.2	8.9	3.1
4/13/2002	55.0	64.0	60.1	49.0	59.0	55.5	12.8	17.8	15.6	9.4	15.0	13.1
4/14/2002	48.0	71.0	55.8	48.0	63.0	53.8	8.9	21.7	13.2	8.9	17.2	12.1
4/15/2002	57.0	78.0	64.1	57.0	61.0	58.5	13.9	25.6	17.8	13.9	16.1	14.7
4/16/2002	56.0	89.0	70.9	55.0	62.0	58.3	13.3	31.7	21.6	12.8	16.7	14.6
4/17/2002	55.0	91.0	72.5	54.0	60.0	56.2	12.8	32.8	22.5	12.2	15.6	13.4
4/18/2002	61.0	89.0	75.4	56.0	61.0	58.0	16.1	31.7	24.1	13.3	16.1	14.4
4/19/2002	58.0	88.0	73.4	56.0	61.0	58.7	14.4	31.1	23.0	13.3	16.1	14.8
4/20/2002	55.0	77.0	61.0	45.0	60.0	51.7	12.8	25.0	16.1	7.2	15.6	10.9
4/21/2002	43.0	57.0	45.9	22.0	45.0	30.8	6.1	13.9	7.7	-5.6	7.2	-0.7
4/22/2002	39.0	52.0	44.2	27.0	46.0	38.0	3.9	11.1	6.8	-2.8	7.8	3.3
4/23/2002	34.0	55.0	44.0	19.0	30.0	23.7	1.1	12.8	6.7	-7.2	-1.1	-4.6
4/24/2002	29.0	61.0	45.3	18.0	29.0	25.2	-1.7	16.1	7.4	-7.8	-1.7	-3.8
4/25/2002	44.0	57.0	48.6	19.0	46.0	35.9	6.7	13.9	9.2	-7.2	7.8	2.2
4/26/2002	33.0	61.0	47.1	19.0	32.0	26.8	0.6	16.1	8.4	-7.2	0.0	-2.9
4/27/2002	30.0	59.0	46.1	20.0	30.0	25.8	-1.1	15.0	7.8	-6.7	-1.1	-3.4
4/28/2002	46.0	64.0	53.1	28.0	61.0	48.5	7.8	17.8	11.7	-2.2	16.1	9.2
4/29/2002	43.0	61.0	48.4	30.0	58.0	39.5	6.1	16.1	9.1	-1.1	14.4	4.2
4/30/2002	39.0	59.0	46.5	28.0	48.0	37.0	3.9	15.0	8.1	-2.2	8.9	2.8
5/1/2002	33.0	64.0	48.6	26.0	37.0	31.4	0.6	17.8	9.2	-3.3	2.8	-0.3
5/2/2002	48.0	73.0	56.5	27.0	62.0	48.3	8.9	22.8	13.6	-2.8	16.7	9.1
5/3/2002	43.0	68.0	52.8	23.0	51.0	30.6	6.1	20.0	11.6	-5.0	10.6	-0.8
5/4/2002	32.0	63.0	47.6	24.0	35.0	29.4	0.0	17.2	8.7	-4.4	1.7	-1.4

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
5/5/2002	38.0	72.0	55.8	27.0	44.0	36.9	3.3	22.2	13.2	-2.8	6.7	2.7
5/6/2002	42.0	72.0	58.8	39.0	52.0	45.5	5.6	22.2	14.9	3.9	11.1	7.5
5/7/2002	59.0	76.0	64.8	52.0	62.0	55.6	15.0	24.4	18.2	11.1	16.7	13.1
5/8/2002	50.0	72.0	60.8	44.0	60.0	48.3	10.0	22.2	16.0	6.7	15.6	9.1
5/9/2002	48.0	64.0	54.5	46.0	57.0	51.3	8.9	17.8	12.5	7.8	13.9	10.7
5/10/2002	52.0	69.0	57.7	25.0	55.0	47.6	11.1	20.6	14.3	-3.9	12.8	8.7
5/11/2002	39.0	68.0	55.0	24.0	38.0	31.8	3.9	20.0	12.8	-4.4	3.3	-0.1
5/12/2002	51.0	63.0	55.6	36.0	57.0	50.1	10.6	17.2	13.1	2.2	13.9	10.1
5/13/2002	57.0	67.0	60.5	54.0	64.0	59.6	13.9	19.4	15.8	12.2	17.8	15.3
5/14/2002	43.0	57.0	49.4	35.0	53.0	41.1	6.1	13.9	9.7	1.7	11.7	5.1
5/15/2002	43.0	69.0	52.9	32.0	41.0	36.4	6.1	20.6	11.6	0.0	5.0	2.4
5/16/2002	39.0	77.0	57.0	36.0	52.0	43.0	3.9	25.0	13.9	2.2	11.1	6.1
5/17/2002	58.0	73.0	64.7	40.0	59.0	51.8	14.4	22.8	18.2	4.4	15.0	11.0
5/18/2002	39.0	60.0	46.5	32.0	46.0	39.7	3.9	15.6	8.1	0.0	7.8	4.3
5/19/2002	38.0	54.0	45.2	24.0	37.0	31.0	3.3	12.2	7.3	-4.4	2.8	-0.6
5/20/2002	37.0	52.0	44.4	27.0	38.0	33.1	2.8	11.1	6.9	-2.8	3.3	0.6
5/21/2002	33.0	54.0	43.9	28.0	37.0	32.5	0.6	12.2	6.6	-2.2	2.8	0.3
5/22/2002	33.0	66.0	48.5	31.0	39.0	34.0	0.6	18.9	9.2	-0.6	3.9	1.1
5/23/2002	38.0	76.0	56.2	34.0	45.0	39.1	3.3	24.4	13.4	1.1	7.2	3.9
5/24/2002	47.0	80.0	63.8	38.0	59.0	48.9	8.3	26.7	17.7	3.3	15.0	9.4
5/25/2002	46.0	68.0	58.0	36.0	59.0	43.6	7.8	20.0	14.4	2.2	15.0	6.4
5/26/2002	59.0	64.0	61.7	48.0	54.0	51.5	15.0	17.8	16.5	8.9	12.2	10.8
5/27/2002	Bad or missing data											
5/28/2002	Bad or missing data											
5/29/2002	72.0	76.0	74.2	64.0	66.0	64.8	22.2	24.4	23.4	17.8	18.9	18.2
5/30/2002	63.0	81.0	69.6	60.0	67.0	63.6	17.2	27.2	20.9	15.6	19.4	17.6
5/31/2002	61.0	86.0	66.7	41.0	67.0	61.4	16.1	30.0	19.3	5.0	19.4	16.3
6/1/2002	59.0	85.0	67.3	32.0	61.0	53.4	15.0	29.4	19.6	0.0	16.1	11.9
6/2/2002	55.0	77.0	66.6	37.0	57.0	48.1	12.8	25.0	19.2	2.8	13.9	8.9
6/3/2002	47.0	69.0	59.6	39.0	45.0	41.2	8.3	20.6	15.3	3.9	7.2	5.1
6/4/2002	50.0	73.0	62.9	42.0	63.0	50.8	10.0	22.8	17.2	5.6	17.2	10.4
6/5/2002	66.0	87.0	72.7	60.0	72.0	65.2	18.9	30.6	22.6	15.6	22.2	18.4
6/6/2002	57.0	72.0	64.2	55.0	68.0	61.9	13.9	22.2	17.9	12.8	20.0	16.6
6/7/2002	52.0	74.0	60.4	50.0	56.0	52.9	11.1	23.3	15.8	10.0	13.3	11.6
6/8/2002	51.0	75.0	60.4	46.0	56.0	49.3	10.6	23.9	15.8	7.8	13.3	9.6
6/9/2002	55.0	86.0	69.0	48.0	66.0	56.0	12.8	30.0	20.6	8.9	18.9	13.3
6/10/2002	60.0	84.0	70.7	58.0	66.0	60.9	15.6	28.9	21.5	14.4	18.9	16.1
6/11/2002	61.0	88.0	71.1	60.0	69.0	63.4	16.1	31.1	21.7	15.6	20.6	17.4
6/12/2002	67.0	83.0	74.6	62.0	72.0	67.0	19.4	28.3	23.7	16.7	22.2	19.4
6/13/2002	63.0	77.0	69.2	61.0	67.0	63.8	17.2	25.0	20.7	16.1	19.4	17.7
6/14/2002	59.0	70.0	61.9	57.0	64.0	58.6	15.0	21.1	16.6	13.9	17.8	14.8
6/15/2002	57.0	69.0	60.5	41.0	59.0	55.8	13.9	20.6	15.8	5.0	15.0	13.2
6/16/2002	56.0	72.0	63.2	48.0	57.0	52.3	13.3	22.2	17.3	8.9	13.9	11.3
6/17/2002	50.0	76.0	58.4	39.0	55.0	49.4	10.0	24.4	14.7	3.9	12.8	9.7
6/18/2002	46.0	76.0	58.3	46.0	58.0	50.6	7.8	24.4	14.6	7.8	14.4	10.3

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
6/19/2002	54.0	81.0	66.4	51.0	60.0	54.3	12.2	27.2	19.1	10.6	15.6	12.4
6/20/2002	57.0	83.0	70.7	55.0	63.0	58.8	13.9	28.3	21.5	12.8	17.2	14.9
6/21/2002	61.0	84.0	73.0	59.0	65.0	61.7	16.1	28.9	22.8	15.0	18.3	16.5
6/22/2002	62.0	86.0	72.4	60.0	67.0	63.0	16.7	30.0	22.4	15.6	19.4	17.2
6/23/2002	66.0	89.0	77.6	61.0	67.0	64.5	18.9	31.7	25.3	16.1	19.4	18.1
6/24/2002	72.0	86.0	76.5	64.0	72.0	67.3	22.2	30.0	24.7	17.8	22.2	19.6
6/25/2002	70.0	88.0	76.3	68.0	72.0	70.0	21.1	31.1	24.6	20.0	22.2	21.1
6/26/2002	69.0	89.0	77.5	68.0	73.0	70.5	20.6	31.7	25.3	20.0	22.8	21.4
6/27/2002	72.0	85.0	77.8	66.0	72.0	69.4	22.2	29.4	25.4	18.9	22.2	20.8
6/28/2002	68.0	82.0	73.6	62.0	70.0	65.7	20.0	27.8	23.1	16.7	21.1	18.7
6/29/2002	58.0	84.0	69.8	56.0	70.0	61.1	14.4	28.9	21.0	13.3	21.1	16.2
6/30/2002	63.0	86.0	71.8	60.0	67.0	63.4	17.2	30.0	22.1	15.6	19.4	17.4
7/1/2002	62.0	88.0	74.6	61.0	72.0	65.3	16.7	31.1	23.7	16.1	22.2	18.5
7/2/2002	68.0	93.0	79.8	66.0	75.0	70.6	20.0	33.9	26.6	18.9	23.9	21.4
7/3/2002	71.0	95.0	82.5	66.0	76.0	71.4	21.7	35.0	28.1	18.9	24.4	21.9
7/4/2002	71.0	95.0	84.1	67.0	74.0	70.2	21.7	35.0	28.9	19.4	23.3	21.2
7/5/2002	67.0	89.0	76.3	46.0	71.0	56.9	19.4	31.7	24.6	7.8	21.7	13.8
7/6/2002	59.0	81.0	69.8	48.0	57.0	53.0	15.0	27.2	21.0	8.9	13.9	11.7
7/7/2002	54.0	82.0	66.6	52.0	63.0	55.9	12.2	27.8	19.2	11.1	17.2	13.3
7/8/2002	57.0	91.0	71.8	46.0	65.0	58.5	13.9	32.8	22.1	7.8	18.3	14.7
7/9/2002	65.0	84.0	72.9	57.0	72.0	65.1	18.3	28.9	22.7	13.9	22.2	18.4
7/10/2002	66.0	79.0	71.5	33.0	70.0	54.5	18.9	26.1	21.9	0.6	21.1	12.5
7/11/2002	48.0	78.0	62.4	32.0	49.0	43.6	8.9	25.6	16.9	0.0	9.4	6.4
7/12/2002	47.0	80.0	64.1	42.0	49.0	46.2	8.3	26.7	17.8	5.6	9.4	7.9
7/13/2002	50.0	81.0	66.6	46.0	59.0	51.1	10.0	27.2	19.2	7.8	15.0	10.6
7/14/2002	62.0	80.0	70.6	57.0	65.0	60.5	16.7	26.7	21.4	13.9	18.3	15.8
7/15/2002	62.0	91.0	75.2	56.0	65.0	61.3	16.7	32.8	24.0	13.3	18.3	16.3
7/16/2002	66.0	89.0	77.5	44.0	61.0	54.6	18.9	31.7	25.3	6.7	16.1	12.6
7/17/2002	60.0	96.0	77.1	50.0	65.0	58.2	15.6	35.6	25.1	10.0	18.3	14.6
7/18/2002	70.0	91.0	80.3	64.0	73.0	66.7	21.1	32.8	26.8	17.8	22.8	19.3
7/19/2002	69.0	91.0	76.6	66.0	71.0	68.0	20.6	32.8	24.8	18.9	21.7	20.0
7/20/2002	67.0	85.0	74.1	42.0	70.0	57.3	19.4	29.4	23.4	5.6	21.1	14.1
7/21/2002	63.0	86.0	74.0	27.0	70.0	52.4	17.2	30.0	23.3	-2.8	21.1	11.3
7/22/2002	72.0	93.0	82.1	66.0	72.0	69.1	22.2	33.9	27.8	18.9	22.2	20.6
7/23/2002	71.0	91.0	78.1	65.0	72.0	69.0	21.7	32.8	25.6	18.3	22.2	20.6
7/24/2002	62.0	81.0	70.7	51.0	67.0	59.3	16.7	27.2	21.5	10.6	19.4	15.2
7/25/2002	64.0	78.0	69.7	55.0	62.0	58.6	17.8	25.6	20.9	12.8	16.7	14.8
7/26/2002	61.0	75.0	67.6	50.0	63.0	56.6	16.1	23.9	19.8	10.0	17.2	13.7
7/27/2002	65.0	78.0	69.5	62.0	71.0	66.3	18.3	25.6	20.8	16.7	21.7	19.1
7/28/2002	70.0	81.0	74.0	69.0	75.0	71.9	21.1	27.2	23.3	20.6	23.9	22.2
7/29/2002	72.0	92.0	79.5	72.0	76.0	73.1	22.2	33.3	26.4	22.2	24.4	22.8
7/30/2002	73.0	90.0	80.2	64.0	74.0	69.8	22.8	32.2	26.8	17.8	23.3	21.0
7/31/2002	65.0	90.0	76.6	64.0	68.0	66.1	18.3	32.2	24.8	17.8	20.0	18.9
8/1/2002	68.0	91.0	79.5	32.0	76.0	66.6	20.0	32.8	26.4	0.0	24.4	19.2
8/2/2002	68.0	95.0	75.8	32.0	74.0	63.5	20.0	35.0	24.3	0.0	23.3	17.5

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

(Page 22 of 49)

Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
8/3/2002	70.0	92.0	79.3	63.0	71.0	67.6	21.1	33.3	26.3	17.2	21.7	19.8
8/4/2002	64.0	93.0	77.8	60.0	70.0	64.4	17.8	33.9	25.4	15.6	21.1	18.0
8/5/2002	69.0	88.0	76.3	64.0	74.0	69.1	20.6	31.1	24.6	17.8	23.3	20.6
8/6/2002	64.0	77.0	71.0	46.0	72.0	54.3	17.8	25.0	21.7	7.8	22.2	12.4
8/7/2002	54.0	78.0	65.4	46.0	54.0	49.9	12.2	25.6	18.6	7.8	12.2	9.9
8/8/2002	53.0	80.0	65.5	47.0	54.0	50.7	11.7	26.7	18.6	8.3	12.2	10.4
8/9/2002	52.0	83.0	66.9	47.0	54.0	50.7	11.1	28.3	19.4	8.3	12.2	10.4
8/10/2002	52.0	89.0	70.1	51.0	61.0	54.5	11.1	31.7	21.2	10.6	16.1	12.5
8/11/2002	58.0	92.0	73.8	55.0	66.0	58.5	14.4	33.3	23.2	12.8	18.9	14.7
8/12/2002	62.0	96.0	76.6	57.0	67.0	61.5	16.7	35.6	24.8	13.9	19.4	16.4
8/13/2002	66.0	95.0	76.8	61.0	71.0	66.9	18.9	35.0	24.9	16.1	21.7	19.4
8/14/2002	67.0	94.0	79.5	62.0	72.0	67.4	19.4	34.4	26.4	16.7	22.2	19.7
8/15/2002	72.0	90.0	81.5	60.0	71.0	66.0	22.2	32.2	27.5	15.6	21.7	18.9
8/16/2002	69.0	90.0	77.4	68.0	73.0	69.9	20.6	32.2	25.2	20.0	22.8	21.1
8/17/2002	68.0	89.0	77.9	67.0	71.0	68.7	20.0	31.7	25.5	19.4	21.7	20.4
8/18/2002	66.0	93.0	76.6	66.0	72.0	68.3	18.9	33.9	24.8	18.9	22.2	20.2
8/19/2002	64.0	87.0	76.3	59.0	70.0	63.5	17.8	30.6	24.6	15.0	21.1	17.5
8/20/2002	69.0	81.0	74.8	52.0	70.0	63.6	20.6	27.2	23.8	11.1	21.1	17.6
8/21/2002	56.0	85.0	70.6	52.0	57.0	54.6	13.3	29.4	21.4	11.1	13.9	12.6
8/22/2002	69.0	91.0	78.2	53.0	73.0	63.5	20.6	32.8	25.7	11.7	22.8	17.5
8/23/2002	68.0	77.0	72.6	62.0	73.0	65.9	20.0	25.0	22.6	16.7	22.8	18.8
8/24/2002	68.0	83.0	72.8	66.0	72.0	68.9	20.0	28.3	22.7	18.9	22.2	20.5
8/25/2002	65.0	83.0	72.9	52.0	69.0	60.9	18.3	28.3	22.7	11.1	20.6	16.1
8/26/2002	57.0	82.0	68.9	55.0	60.0	57.4	13.9	27.8	20.5	12.8	15.6	14.1
8/27/2002	59.0	84.0	70.9	57.0	63.0	59.9	15.0	28.9	21.6	13.9	17.2	15.5
8/28/2002	63.0	76.0	68.6	54.0	63.0	58.0	17.2	24.4	20.3	12.2	17.2	14.4
8/29/2002	57.0	65.0	61.1	53.0	63.0	56.2	13.9	18.3	16.2	11.7	17.2	13.4
8/30/2002	61.0	79.0	66.1	55.0	61.0	56.8	16.1	26.1	18.9	12.8	16.1	13.8
8/31/2002	55.0	84.0	67.4	54.0	61.0	57.4	12.8	28.9	19.7	12.2	16.1	14.1
9/1/2002	59.0	73.0	62.3	52.0	61.0	58.0	15.0	22.8	16.8	11.1	16.1	14.4
9/2/2002	60.0	77.0	65.3	59.0	61.0	60.4	15.6	25.0	18.5	15.0	16.1	15.8
9/3/2002	57.0	87.0	67.0	57.0	70.0	61.8	13.9	30.6	19.4	13.9	21.1	16.6
9/4/2002	67.0	87.0	77.5	49.0	71.0	61.7	19.4	30.6	25.3	9.4	21.7	16.5
9/5/2002	58.0	82.0	69.7	51.0	59.0	55.4	14.4	27.8	20.9	10.6	15.0	13.0
9/6/2002	49.0	82.0	65.7	39.0	54.0	48.3	9.4	27.8	18.7	3.9	12.2	9.1
9/7/2002	50.0	86.0	66.9	47.0	54.0	50.2	10.0	30.0	19.4	8.3	12.2	10.1
9/8/2002	50.0	90.0	68.2	40.0	55.0	50.0	10.0	32.2	20.1	4.4	12.8	10.0
9/9/2002	50.0	94.0	69.3	46.0	63.0	51.3	10.0	34.4	20.7	7.8	17.2	10.7
9/10/2002	55.0	96.0	72.6	50.0	61.0	56.1	12.8	35.6	22.6	10.0	16.1	13.4
9/11/2002	61.0	80.0	68.3	43.0	59.0	52.0	16.1	26.7	20.2	6.1	15.0	11.1
9/12/2002	49.0	78.0	63.1	37.0	48.0	44.6	9.4	25.6	17.3	2.8	8.9	7.0
9/13/2002	45.0	85.0	62.4	39.0	52.0	46.3	7.2	29.4	16.9	3.9	11.1	7.9
9/14/2002	50.0	85.0	65.8	47.0	70.0	54.4	10.0	29.4	18.8	8.3	21.1	12.4
9/15/2002	71.0	78.0	73.3	69.0	73.0	70.5	21.7	25.6	22.9	20.6	22.8	21.4
9/16/2002	64.0	76.0	69.8	60.0	70.0	66.4	17.8	24.4	21.0	15.6	21.1	19.1

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
9/17/2002	57.0	81.0	65.2	53.0	63.0	57.8	13.9	27.2	18.4	11.7	17.2	14.3
9/18/2002	52.0	80.0	63.6	51.0	61.0	54.5	11.1	26.7	17.6	10.6	16.1	12.5
9/19/2002	61.0	74.0	67.3	55.0	67.0	61.4	16.1	23.3	19.6	12.8	19.4	16.3
9/20/2002	66.0	83.0	73.0	63.0	69.0	65.7	18.9	28.3	22.8	17.2	20.6	18.7
9/21/2002	71.0	79.0	73.9	66.0	72.0	69.2	21.7	26.1	23.3	18.9	22.2	20.7
9/22/2002	66.0	72.0	69.8	66.0	71.0	68.9	18.9	22.2	21.0	18.9	21.7	20.5
9/23/2002	56.0	72.0	64.2	41.0	68.0	56.2	13.3	22.2	17.9	5.0	20.0	13.4
9/24/2002	46.0	73.0	54.9	44.0	57.0	47.8	7.8	22.8	12.7	6.7	13.9	8.8
9/25/2002	49.0	67.0	54.2	48.0	53.0	50.4	9.4	19.4	12.3	8.9	11.7	10.2
9/26/2002	55.0	62.0	58.5	53.0	56.0	54.7	12.8	16.7	14.7	11.7	13.3	12.6
9/27/2002	55.0	72.0	61.8	53.0	70.0	59.7	12.8	22.2	16.6	11.7	21.1	15.4
9/28/2002	61.0	74.0	67.7	49.0	70.0	56.7	16.1	23.3	19.8	9.4	21.1	13.7
9/29/2002	44.0	70.0	53.8	42.0	56.0	47.2	6.7	21.1	12.1	5.6	13.3	8.4
9/30/2002	50.0	72.0	58.3	48.0	61.0	53.7	10.0	22.2	14.6	8.9	16.1	12.1
10/1/2002	54.0	80.0	64.1	53.0	65.0	58.1	12.2	26.7	17.8	11.7	18.3	14.5
10/2/2002	59.0	84.0	67.4	59.0	67.0	62.7	15.0	28.9	19.7	15.0	19.4	17.1
10/3/2002	63.0	79.0	68.4	60.0	67.0	63.4	17.2	26.1	20.2	15.6	19.4	17.4
10/4/2002	64.0	70.0	66.2	60.0	66.0	62.3	17.8	21.1	19.0	15.6	18.9	16.8
10/5/2002	63.0	74.0	70.3	48.0	69.0	60.9	17.2	23.3	21.3	8.9	20.6	16.1
10/6/2002	45.0	68.0	54.7	44.0	49.0	46.4	7.2	20.0	12.6	6.7	9.4	8.0
10/7/2002	57.0	67.0	64.0	37.0	57.0	48.6	13.9	19.4	17.8	2.8	13.9	9.2
10/8/2002	42.0	60.0	50.9	33.0	43.0	36.6	5.6	15.6	10.5	0.6	6.1	2.6
10/9/2002	41.0	62.0	50.4	39.0	49.0	43.4	5.0	16.7	10.2	3.9	9.4	6.3
10/10/2002	52.0	63.0	58.3	49.0	61.0	55.2	11.1	17.2	14.6	9.4	16.1	12.9
10/11/2002	55.0	61.0	57.4	55.0	60.0	56.4	12.8	16.1	14.1	12.8	15.6	13.6
10/12/2002	55.0	64.0	58.6	55.0	61.0	57.1	12.8	17.8	14.8	12.8	16.1	13.9
10/13/2002	54.0	61.0	59.1	52.0	59.0	56.4	12.2	16.1	15.1	11.1	15.0	13.6
10/14/2002	39.0	55.0	47.9	30.0	52.0	37.5	3.9	12.8	8.8	-1.1	11.1	3.1
10/15/2002	33.0	56.0	41.3	32.0	45.0	36.4	0.6	13.3	5.2	0.0	7.2	2.4
10/16/2002	48.0	55.0	50.6	45.0	52.0	49.0	8.9	12.8	10.3	7.2	11.1	9.4
10/17/2002	46.0	56.0	50.0	37.0	49.0	44.2	7.8	13.3	10.0	2.8	9.4	6.8
10/18/2002	35.0	56.0	44.7	34.0	43.0	37.7	1.7	13.3	7.1	1.1	6.1	3.2
10/19/2002	46.0	52.0	48.5	37.0	50.0	43.9	7.8	11.1	9.2	2.8	10.0	6.6
10/20/2002	35.0	57.0	44.0	35.0	49.0	39.7	1.7	13.9	6.7	1.7	9.4	4.3
10/21/2002	37.0	55.0	43.5	30.0	41.0	36.4	2.8	12.8	6.4	-1.1	5.0	2.4
10/22/2002	31.0	57.0	41.0	30.0	43.0	34.6	-0.6	13.9	5.0	-1.1	6.1	1.4
10/23/2002	39.0	52.0	45.1	31.0	43.0	37.2	3.9	11.1	7.3	-0.6	6.1	2.9
10/24/2002	30.0	43.0	35.8	28.0	37.0	32.0	-1.1	6.1	2.1	-2.2	2.8	0.0
10/25/2002	36.0	43.0	39.7	35.0	43.0	38.9	2.2	6.1	4.3	1.7	6.1	3.8
10/26/2002	43.0	56.0	49.2	42.0	52.0	47.3	6.1	13.3	9.6	5.6	11.1	8.5
10/27/2002	48.0	57.0	51.8	35.0	52.0	43.6	8.9	13.9	11.0	1.7	11.1	6.4
10/28/2002	41.0	53.0	46.8	32.0	40.0	36.3	5.0	11.7	8.2	0.0	4.4	2.4
10/29/2002	29.0	44.0	36.6	26.0	36.0	31.3	-1.7	6.7	2.6	-3.3	2.2	-0.4
10/30/2002	33.0	36.0	34.1	33.0	34.0	33.8	0.6	2.2	1.2	0.6	1.1	1.0
10/31/2002	30.0	45.0	35.8	30.0	36.0	33.5	-1.1	7.2	2.1	-1.1	2.2	0.8

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
11/1/2002	30.0	46.0	35.4	22.0	36.0	31.5	-1.1	7.8	1.9	-5.6	2.2	-0.3
11/2/2002	33.0	45.0	37.3	24.0	32.0	28.4	0.6	7.2	2.9	-4.4	0.0	-2.0
11/3/2002	36.0	43.0	39.6	25.0	34.0	30.5	2.2	6.1	4.2	-3.9	1.1	-0.8
11/4/2002	28.0	43.0	34.6	27.0	39.0	32.3	-2.2	6.1	1.4	-2.8	3.9	0.2
11/5/2002	32.0	46.0	40.9	28.0	40.0	34.0	0.0	7.8	4.9	-2.2	4.4	1.1
11/6/2002	38.0	47.0	42.8	31.0	45.0	40.3	3.3	8.3	6.0	-0.6	7.2	4.6
11/7/2002	34.0	45.0	41.1	9.0	37.0	26.8	1.1	7.2	5.1	-12.8	2.8	-2.9
11/8/2002	28.0	62.0	40.4	22.0	40.0	30.8	-2.2	16.7	4.7	-5.6	4.4	-0.7
11/9/2002	33.0	62.0	45.6	33.0	43.0	38.4	0.6	16.7	7.6	0.6	6.1	3.6
11/10/2002	52.0	65.0	58.3	42.0	59.0	50.6	11.1	18.3	14.6	5.6	15.0	10.3
11/11/2002	52.0	69.0	64.6	48.0	63.0	58.3	11.1	20.6	18.1	8.9	17.2	14.6
11/12/2002	43.0	54.0	46.2	43.0	49.0	45.8	6.1	12.2	7.9	6.1	9.4	7.7
11/13/2002	45.0	48.0	46.1	36.0	47.0	42.1	7.2	8.9	7.8	2.2	8.3	5.6
11/14/2002	34.0	54.0	40.5	34.0	44.0	37.5	1.1	12.2	4.7	1.1	6.7	3.1
11/15/2002	35.0	56.0	45.2	35.0	44.0	39.7	1.7	13.3	7.3	1.7	6.7	4.3
11/16/2002	37.0	49.0	40.4	36.0	43.0	39.0	2.8	9.4	4.7	2.2	6.1	3.9
11/17/2002	37.0	42.0	39.3	37.0	42.0	38.7	2.8	5.6	4.1	2.8	5.6	3.7
11/18/2002	37.0	45.0	39.5	26.0	39.0	31.9	2.8	7.2	4.2	-3.3	3.9	-0.1
11/19/2002	30.0	39.0	34.6	26.0	36.0	30.2	-1.1	3.9	1.4	-3.3	2.2	-1.0
11/20/2002	35.0	44.0	37.6	35.0	40.0	36.8	1.7	6.7	3.1	1.7	4.4	2.7
11/21/2002	30.0	46.0	39.1	30.0	45.0	38.3	-1.1	7.8	3.9	-1.1	7.2	3.5
11/22/2002	43.0	47.0	45.6	36.0	47.0	44.1	6.1	8.3	7.6	2.2	8.3	6.7
11/23/2002	33.0	43.0	37.3	21.0	37.0	27.3	0.6	6.1	2.9	-6.1	2.8	-2.6
11/24/2002	35.0	50.0	41.1	28.0	34.0	31.2	1.7	10.0	5.1	-2.2	1.1	-0.4
11/25/2002	30.0	46.0	38.1	30.0	37.0	33.7	-1.1	7.8	3.4	-1.1	2.8	0.9
11/26/2002	28.0	44.0	37.1	21.0	36.0	28.1	-2.2	6.7	2.8	-6.1	2.2	-2.2
11/27/2002	28.0	38.0	33.0	18.0	34.0	28.3	-2.2	3.3	0.6	-7.8	1.1	-2.1
11/28/2002	19.0	33.0	26.0	14.0	20.0	17.7	-7.2	0.6	-3.3	-10.0	-6.7	-7.9
11/29/2002	27.0	41.0	32.7	19.0	27.0	22.4	-2.8	5.0	0.4	-7.2	-2.8	-5.3
11/30/2002	30.0	47.0	38.7	24.0	34.0	27.8	-1.1	8.3	3.7	-4.4	1.1	-2.3
12/1/2002	25.0	39.0	29.2	9.0	33.0	19.9	-3.9	3.9	-1.6	-12.8	0.6	-6.7
12/2/2002	23.0	34.0	28.3	8.0	25.0	14.6	-5.0	1.1	-2.1	-13.3	-3.9	-9.7
12/3/2002	10.0	34.0	21.3	-4.0	28.0	9.8	-12.2	1.1	-5.9	-20.0	-2.2	-12.3
12/4/2002	9.0	27.0	17.1	0.0	16.0	7.8	-12.8	-2.8	-8.3	-17.8	-8.9	-13.4
12/5/2002	21.0	25.0	23.5	15.0	25.0	21.0	-6.1	-3.9	-4.7	-9.4	-3.9	-6.1
12/6/2002	18.0	30.0	25.4	16.0	25.0	20.6	-7.8	-1.1	-3.7	-8.9	-3.9	-6.3
12/7/2002	6.0	32.0	18.0	1.0	16.0	10.4	-14.4	0.0	-7.8	-17.2	-8.9	-12.0
12/8/2002	17.0	38.0	26.6	14.0	32.0	21.7	-8.3	3.3	-3.0	-10.0	0.0	-5.7
12/9/2002	4.0	31.0	18.0	0.0	22.0	6.2	-15.6	-0.6	-7.8	-17.8	-5.6	-14.3
12/10/2002	7.0	25.0	14.2	1.0	17.0	7.0	-13.9	-3.9	-9.9	-17.2	-8.3	-13.9
12/11/2002	13.0	34.0	25.1	10.0	34.0	22.9	-10.6	1.1	-3.8	-12.2	1.1	-5.1
12/12/2002	33.0	38.0	34.7	33.0	37.0	34.7	0.6	3.3	1.5	0.6	2.8	1.5
12/13/2002	33.0	37.0	34.8	33.0	36.0	34.5	0.6	2.8	1.6	0.6	2.2	1.4
12/14/2002	32.0	40.0	35.3	32.0	38.0	34.5	0.0	4.4	1.8	0.0	3.3	1.4
12/15/2002	36.0	41.0	38.9	30.0	35.0	31.9	2.2	5.0	3.8	-1.1	1.7	-0.1

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
12/16/2002	27.0	38.0	34.1	17.0	36.0	28.5	-2.8	3.3	1.2	-8.3	2.2	-1.9
12/17/2002	18.0	32.0	23.0	9.0	17.0	12.9	-7.8	0.0	-5.0	-12.8	-8.3	-10.6
12/18/2002	10.0	33.0	21.5	7.0	19.0	13.5	-12.2	0.6	-5.8	-13.9	-7.2	-10.3
12/19/2002	25.0	41.0	31.1	15.0	34.0	23.0	-3.9	5.0	-0.5	-9.4	1.1	-5.0
12/20/2002	37.0	54.0	45.4	30.0	54.0	42.4	2.8	12.2	7.4	-1.1	12.2	5.8
12/21/2002	34.0	41.0	37.3	26.0	34.0	30.6	1.1	5.0	2.9	-3.3	1.1	-0.8
12/22/2002	25.0	43.0	33.8	25.0	40.0	30.5	-3.9	6.1	1.0	-3.9	4.4	-0.8
12/23/2002	30.0	41.0	36.0	24.0	39.0	26.6	-1.1	5.0	2.2	-4.4	3.9	-3.0
12/24/2002	30.0	37.0	32.9	17.0	27.0	21.4	-1.1	2.8	0.5	-8.3	-2.8	-5.9
12/25/2002	28.0	34.0	30.3	22.0	32.0	29.0	-2.2	1.1	-0.9	-5.6	0.0	-1.7
12/26/2002	28.0	34.0	30.8	21.0	28.0	24.8	-2.2	1.1	-0.7	-6.1	-2.2	-4.0
12/27/2002	25.0	33.0	29.5	21.0	27.0	24.1	-3.9	0.6	-1.4	-6.1	-2.8	-4.4
12/28/2002	11.0	34.0	21.8	9.0	30.0	19.1	-11.7	1.1	-5.7	-12.8	-1.1	-7.2
12/29/2002	28.0	41.0	34.1	25.0	34.0	30.6	-2.2	5.0	1.2	-3.9	1.1	-0.8
12/30/2002	21.0	37.0	27.6	21.0	30.0	24.6	-6.1	2.8	-2.4	-6.1	-1.1	-4.1
12/31/2002	35.0	42.0	27.6	30.0	39.0	24.6	1.7	5.6	-2.4	-1.1	3.9	-4.1
1/1/2003	35.1	41.0	36.5	32.0	39.0	36.5	1.7	5.0	2.5	0.0	3.9	2.5
1/2/2003	28.0	37.0	30.9	23.0	36.0	29.1	-2.2	2.8	-0.6	-5.0	2.2	-1.6
1/3/2003	26.6	32.0	29.8	26.6	32.0	29.7	-3.0	0.0	-1.2	-3.0	0.0	-1.3
1/4/2003	30.0	33.8	31.1	28.4	32.0	30.4	-1.1	1.0	-0.5	-2.0	0.0	-0.9
1/5/2003	26.1	32.0	28.9	21.9	28.9	25.3	-3.3	0.0	-1.7	-5.6	-1.7	-3.7
1/6/2003	26.6	30.9	28.8	26.6	30.2	28.4	-3.0	-0.6	-1.8	-3.0	-1.0	-2.0
1/7/2003	17.6	30.2	24.6	9.0	30.2	18.5	-8.0	-1.0	-4.1	-12.8	-1.0	-7.5
1/8/2003	25.0	39.0	32.7	18.0	36.0	29.7	-3.9	3.9	0.4	-7.8	2.2	-1.3
1/9/2003	35.1	45.0	41.7	33.8	37.0	34.9	1.7	7.2	5.4	1.0	2.8	1.6
1/10/2003	28.4	41.0	34.3	12.9	36.0	27.9	-2.0	5.0	1.3	-10.6	2.2	-2.3
1/11/2003	21.0	28.9	24.4	6.1	24.8	14.4	-6.1	-1.7	-4.2	-14.4	-4.0	-9.8
1/12/2003	21.0	30.0	23.9	10.0	18.0	13.8	-6.1	-1.1	-4.5	-12.2	-7.8	-10.1
1/13/2003	12.2	33.1	23.0	6.8	19.0	14.7	-11.0	0.6	-5.0	-14.0	-7.2	-9.6
1/14/2003	15.8	24.1	20.1	6.1	16.0	10.6	-9.0	-4.4	-6.6	-14.4	-8.9	-11.9
1/15/2003	18.0	26.1	21.2	7.0	19.9	14.2	-7.8	-3.3	-6.0	-13.9	-6.7	-9.9
1/16/2003	14.0	23.0	18.0	8.1	12.0	10.8	-10.0	-5.0	-7.8	-13.3	-11.1	-11.8
1/17/2003	8.6	24.1	18.0	1.4	19.9	12.6	-13.0	-4.4	-7.8	-17.0	-6.7	-10.8
1/18/2003	-0.4	19.9	8.6	-5.8	9.0	0.1	-18.0	-6.7	-13.0	-21.0	-12.8	-17.7
1/19/2003	10.4	24.1	16.5	6.1	15.8	10.4	-12.0	-4.4	-8.6	-14.4	-9.0	-12.0
1/20/2003	17.6	25.0	22.6	1.4	25.0	10.9	-8.0	-3.9	-5.2	-17.0	-3.9	-11.7
1/21/2003	3.0	23.0	13.8	0.0	10.0	2.3	-16.1	-5.0	-10.1	-17.8	-12.2	-16.5
1/22/2003	8.1	19.0	14.2	-2.2	9.0	2.7	-13.3	-7.2	-9.9	-19.0	-12.8	-16.3
1/23/2003	3.9	17.1	11.1	-5.1	12.2	0.5	-15.6	-8.3	-11.6	-20.6	-11.0	-17.5
1/24/2003	6.8	28.9	13.8	-0.9	8.6	1.2	-14.0	-1.7	-10.1	-18.3	-13.0	-17.1
1/25/2003	18.0	27.0	21.4	9.0	17.6	12.0	-7.8	-2.8	-5.9	-12.8	-8.0	-11.1
1/26/2003	18.0	27.0	25.0	14.0	27.0	19.4	-7.8	-2.8	-3.9	-10.0	-2.8	-7.0
1/27/2003	3.2	24.8	13.1	-5.8	24.8	3.4	-16.0	-4.0	-10.5	-21.0	-4.0	-15.9
1/28/2003	1.4	21.2	9.7	-2.9	15.8	4.5	-17.0	-6.0	-12.4	-19.4	-9.0	-15.3
1/29/2003	21.0	33.1	24.4	15.1	30.9	23.2	-6.1	0.6	-4.2	-9.4	-0.6	-4.9

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
1/30/2003	8.6	32.0	21.6	8.6	24.1	18.0	-13.0	0.0	-5.8	-13.0	-4.4	-7.8
1/31/2003	14.0	33.1	24.8	14.0	33.1	23.7	-10.0	0.6	-4.0	-10.0	0.6	-4.6
2/1/2003	30.2	37.4	33.3	30.9	37.4	33.4	-1.0	3.0	0.7	-0.6	3.0	0.8
2/2/2003	35.1	37.9	36.5	25.0	34.0	30.6	1.7	3.3	2.5	-3.9	1.1	-0.8
2/3/2003	30.0	41.0	35.1	24.8	30.2	27.0	-1.1	5.0	1.7	-4.0	-1.0	-2.8
2/4/2003	33.8	42.1	38.8	25.0	39.2	33.1	1.0	5.6	3.8	-3.9	4.0	0.6
2/5/2003	24.1	34.0	27.9	6.1	26.1	12.4	-4.4	1.1	-2.3	-14.4	-3.3	-10.9
2/6/2003	14.0	30.9	21.6	6.1	24.8	12.0	-10.0	-0.6	-5.8	-14.4	-4.0	-11.1
2/7/2003	26.1	32.0	28.6	17.6	30.2	26.1	-3.3	0.0	-1.9	-8.0	-1.0	-3.3
2/8/2003	10.9	27.0	20.3	1.4	18.0	8.1	-11.7	-2.8	-6.5	-17.0	-7.8	-13.3
2/9/2003	10.0	32.0	21.7	1.0	25.0	12.0	-12.2	0.0	-5.7	-17.2	-3.9	-11.1
2/10/2003	21.9	32.0	28.4	18.0	30.9	25.2	-5.6	0.0	-2.0	-7.8	-0.6	-3.8
2/11/2003	5.0	32.0	20.3	-0.9	32.0	12.6	-15.0	0.0	-6.5	-18.3	0.0	-10.8
2/12/2003	8.1	27.0	18.5	-2.9	21.0	8.6	-13.3	-2.8	-7.5	-19.4	-6.1	-13.0
2/13/2003	14.0	21.9	18.0	1.0	8.1	3.0	-10.0	-5.6	-7.8	-17.2	-13.3	-16.1
2/14/2003	6.1	30.0	17.6	1.9	12.2	6.8	-14.4	-1.1	-8.0	-16.7	-11.0	-14.0
2/15/2003	15.1	25.0	20.7	-7.1	15.1	7.5	-9.4	-3.9	-6.3	-21.7	-9.4	-13.6
2/16/2003	6.8	16.0	10.4	-11.2	12.0	-6.7	-14.0	-8.9	-12.0	-24.0	-11.1	-21.5
2/17/2003	14.0	24.8	18.9	12.2	23.0	17.4	-10.0	-4.0	-7.3	-11.0	-5.0	-8.1
2/18/2003	19.4	32.0	24.3	17.1	30.0	21.6	-7.0	0.0	-4.3	-8.3	-1.1	-5.8
2/19/2003	30.0	37.9	32.7	26.1	32.0	28.0	-1.1	3.3	0.4	-3.3	0.0	-2.2
2/20/2003	34.0	45.0	37.8	21.0	35.1	28.9	1.1	7.2	3.2	-6.1	1.7	-1.7
2/21/2003	14.0	41.0	26.6	12.0	28.9	21.6	-10.0	5.0	-3.0	-11.1	-1.7	-5.8
2/22/2003	34.0	41.0	37.4	28.9	41.0	36.9	1.1	5.0	3.0	-1.7	5.0	2.7
2/23/2003	30.0	41.0	36.7	18.0	41.0	33.8	-1.1	5.0	2.6	-7.8	5.0	1.0
2/24/2003	21.0	30.0	24.3	10.4	25.0	17.4	-6.1	-1.1	-4.3	-12.0	-3.9	-8.1
2/25/2003	21.0	30.0	24.4	3.2	26.1	14.9	-6.1	-1.1	-4.2	-16.0	-3.3	-9.5
2/26/2003	15.1	21.9	18.3	1.9	16.0	6.6	-9.4	-5.6	-7.6	-16.7	-8.9	-14.1
2/27/2003	21.0	28.9	23.5	15.8	21.9	18.5	-6.1	-1.7	-4.7	-9.0	-5.6	-7.5
2/28/2003	28.0	34.0	29.7	21.0	27.0	23.9	-2.2	1.1	-1.3	-6.1	-2.8	-4.5
3/1/2003	28.9	34.0	32.0	25.0	34.0	29.8	-1.7	1.1	0.0	-3.9	1.1	-1.2
3/2/2003	33.8	42.1	35.6	32.0	37.9	35.1	1.0	5.6	2.0	0.0	3.3	1.7
3/3/2003	6.1	37.9	17.8	-9.9	32.0	1.0	-14.4	3.3	-7.9	-23.3	0.0	-17.2
3/4/2003	12.0	35.6	21.7	-4.0	24.8	7.5	-11.1	2.0	-5.7	-20.0	-4.0	-13.6
3/5/2003	32.0	41.0	35.2	25.0	37.9	32.2	0.0	5.0	1.8	-3.9	3.3	0.1
3/6/2003	23.0	39.2	29.7	15.1	37.4	27.0	-5.0	4.0	-1.3	-9.4	3.0	-2.8
3/7/2003	1.4	30.0	15.4	-0.9	17.6	8.1	-17.0	-1.1	-9.2	-18.3	-8.0	-13.3
3/8/2003	14.0	43.0	26.8	12.2	32.0	21.7	-10.0	6.1	-2.9	-11.0	0.0	-5.7
3/9/2003	24.8	43.0	36.9	5.0	36.0	25.5	-4.0	6.1	2.7	-15.0	2.2	-3.6
3/10/2003	17.1	27.0	21.0	1.4	9.0	5.2	-8.3	-2.8	-6.1	-17.0	-12.8	-14.9
3/11/2003	10.0	37.0	22.5	6.1	30.2	14.0	-12.2	2.8	-5.3	-14.4	-1.0	-10.0
3/12/2003	26.1	45.0	32.9	26.1	37.0	30.7	-3.3	7.2	0.5	-3.3	2.8	-0.7
3/13/2003	32.0	41.0	36.1	30.2	37.0	35.6	0.0	5.0	2.3	-1.0	2.8	2.0
3/14/2003	15.8	36.0	25.9	8.1	30.9	16.7	-9.0	2.2	-3.4	-13.3	-0.6	-8.5
3/15/2003	26.1	50.0	35.8	19.0	36.0	27.7	-3.3	10.0	2.1	-7.2	2.2	-2.4

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
3/16/2003	28.0	61.0	41.9	28.0	52.0	37.8	-2.2	16.1	5.5	-2.2	11.1	3.2
3/17/2003	33.8	64.0	43.0	32.0	54.0	45.0	1.0	17.8	6.1	0.0	12.2	7.2
3/18/2003	35.1	57.9	44.8	34.0	46.9	40.3	1.7	14.4	7.1	1.1	8.3	4.6
3/19/2003	30.9	50.0	40.8	25.0	39.9	31.8	-0.6	10.0	4.9	-3.9	4.4	-0.1
3/20/2003	33.1	44.1	36.5	19.9	42.8	33.3	0.6	6.7	2.5	-6.7	6.0	0.7
3/21/2003	37.9	54.0	43.3	37.9	48.2	42.1	3.3	12.2	6.3	3.3	9.0	5.6
3/22/2003	43.0	55.0	48.0	30.2	48.0	39.0	6.1	12.8	8.9	-1.0	8.9	3.9
3/23/2003	37.0	55.0	44.8	32.0	37.4	34.0	2.8	12.8	7.1	0.0	3.0	1.1
3/24/2003	30.0	60.1	43.5	30.0	41.0	35.2	-1.1	15.6	6.4	-1.1	5.0	1.8
3/25/2003	39.9	71.1	53.8	37.0	46.4	41.2	4.4	21.7	12.1	2.8	8.0	5.1
3/26/2003	42.8	66.0	51.1	41.0	48.0	45.0	6.0	18.9	10.6	5.0	8.9	7.2
3/27/2003	35.6	59.0	42.4	34.0	42.1	37.8	2.0	15.0	5.8	1.1	5.6	3.2
3/28/2003	44.1	62.1	53.2	34.0	52.0	40.8	6.7	16.7	11.8	1.1	11.1	4.9
3/29/2003	50.0	64.0	57.2	48.0	61.0	55.2	10.0	17.8	14.0	8.9	16.1	12.9
3/30/2003	30.2	50.0	36.5	26.6	50.0	33.8	-1.0	10.0	2.5	-3.0	10.0	1.0
3/31/2003	26.6	35.6	31.1	15.1	28.0	21.4	-3.0	2.0	-0.5	-9.4	-2.2	-5.9
4/1/2003	21.9	44.1	31.8	10.0	37.9	21.7	-5.6	6.7	-0.1	-12.2	3.3	-5.7
4/2/2003	39.0	77.0	48.6	37.0	50.0	42.6	3.9	25.0	9.2	2.8	10.0	5.9
4/3/2003	39.9	70.0	54.0	39.9	54.0	47.3	4.4	21.1	12.2	4.4	12.2	8.5
4/4/2003	43.0	61.0	47.1	42.1	50.0	43.9	6.1	16.1	8.4	5.6	10.0	6.6
4/5/2003	37.4	50.0	42.6	35.6	46.4	40.6	3.0	10.0	5.9	2.0	8.0	4.8
4/6/2003	30.0	48.0	37.9	14.0	35.1	20.3	-1.1	8.9	3.3	-10.0	1.7	-6.5
4/7/2003	30.0	39.9	32.4	19.0	30.9	26.8	-1.1	4.4	0.2	-7.2	-0.6	-2.9
4/8/2003	30.0	35.6	32.0	30.0	34.0	31.3	-1.1	2.0	0.0	-1.1	1.1	-0.4
4/9/2003	33.8	42.1	36.9	33.1	37.4	34.9	1.0	5.6	2.7	0.6	3.0	1.6
4/10/2003	37.0	61.0	45.0	28.0	37.0	33.1	2.8	16.1	7.2	-2.2	2.8	0.6
4/11/2003	39.0	55.9	43.0	26.1	46.0	39.6	3.9	13.3	6.1	-3.3	7.8	4.2
4/12/2003	44.1	68.0	51.6	30.2	45.0	39.7	6.7	20.0	10.9	-1.0	7.2	4.3
4/13/2003	36.0	60.1	49.1	19.4	36.0	27.7	2.2	15.6	9.5	-7.0	2.2	-2.4
4/14/2003	30.9	69.1	48.0	19.0	35.6	29.8	-0.6	20.6	8.9	-7.2	2.0	-1.2
4/15/2003	39.9	84.0	61.3	35.1	46.9	40.8	4.4	28.9	16.3	1.7	8.3	4.9
4/16/2003	48.9	82.9	65.5	39.2	48.0	44.6	9.4	28.3	18.6	4.0	8.9	7.0
4/17/2003	37.0	55.9	42.1	24.1	39.9	31.5	2.8	13.3	5.6	-4.4	4.4	-0.3
4/18/2003	36.0	42.8	38.8	21.9	41.0	31.1	2.2	6.0	3.8	-5.6	5.0	-0.5
4/19/2003	39.2	63.0	47.3	39.2	46.9	43.2	4.0	17.2	8.5	4.0	8.3	6.2
4/20/2003	42.1	66.0	54.1	30.9	46.9	40.1	5.6	18.9	12.3	-0.6	8.3	4.5
4/21/2003	51.1	64.0	54.3	35.1	53.6	46.6	10.6	17.8	12.4	1.7	12.0	8.1
4/22/2003	46.4	57.2	53.2	37.4	54.0	50.0	8.0	14.0	11.8	3.0	12.2	10.0
4/23/2003	39.0	50.0	43.9	25.0	37.0	30.0	3.9	10.0	6.6	-3.9	2.8	-1.1
4/24/2003	33.1	62.1	47.1	14.0	28.0	21.7	0.6	16.7	8.4	-10.0	-2.2	-5.7
4/25/2003	36.0	68.0	50.7	19.0	39.2	30.4	2.2	20.0	10.4	-7.2	4.0	-0.9
4/26/2003	51.8	63.0	55.2	39.9	55.9	52.2	11.0	17.2	12.9	4.4	13.3	11.2
4/27/2003	43.0	70.0	56.3	26.1	53.1	39.7	6.1	21.1	13.5	-3.3	11.7	4.3
4/28/2003	37.9	81.0	57.7	28.4	43.0	36.3	3.3	27.2	14.3	-2.0	6.1	2.4
4/29/2003	48.0	73.9	57.9	28.9	54.0	43.2	8.9	23.3	14.4	-1.7	12.2	6.2

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
4/30/2003	45.0	68.0	55.0	32.0	39.9	36.3	7.2	20.0	12.8	0.0	4.4	2.4
5/1/2003	54.0	79.0	64.9	39.9	61.0	52.2	12.2	26.1	18.3	4.4	16.1	11.2
5/2/2003	55.4	75.9	66.0	44.6	62.1	56.8	13.0	24.4	18.9	7.0	16.7	13.8
5/3/2003	44.1	64.9	54.1	30.0	45.0	37.9	6.7	18.3	12.3	-1.1	7.2	3.3
5/4/2003	43.0	66.0	55.6	30.9	41.0	36.1	6.1	18.9	13.1	-0.6	5.0	2.3
5/5/2003	43.0	63.0	50.0	37.4	44.6	41.7	6.1	17.2	10.0	3.0	7.0	5.4
5/6/2003	44.1	64.0	51.3	37.4	55.4	46.0	6.7	17.8	10.7	3.0	13.0	7.8
5/7/2003	52.0	73.0	59.5	52.0	60.8	56.5	11.1	22.8	15.3	11.1	16.0	13.6
5/8/2003	57.2	68.0	60.6	54.0	59.0	57.0	14.0	20.0	15.9	12.2	15.0	13.9
5/9/2003	53.1	64.9	58.3	48.0	59.0	52.9	11.7	18.3	14.6	8.9	15.0	11.6
5/10/2003	48.2	75.0	60.1	48.0	60.8	53.4	9.0	23.9	15.6	8.9	16.0	11.9
5/11/2003	57.2	75.9	66.9	53.6	69.8	62.6	14.0	24.4	19.4	12.0	21.0	17.0
5/12/2003	51.8	73.9	58.1	42.1	57.0	45.0	11.0	23.3	14.5	5.6	13.9	7.2
5/13/2003	48.2	55.0	51.3	39.0	44.1	41.4	9.0	12.8	10.7	3.9	6.7	5.2
5/14/2003	48.2	61.0	54.0	39.2	44.1	42.3	9.0	16.1	12.2	4.0	6.7	5.7
5/15/2003	39.0	63.0	51.3	37.9	50.0	43.9	3.9	17.2	10.7	3.3	10.0	6.6
5/16/2003	51.1	55.9	53.2	46.9	51.8	50.4	10.6	13.3	11.8	8.3	11.0	10.2
5/17/2003	48.0	55.0	50.9	44.1	51.8	47.3	8.9	12.8	10.5	6.7	11.0	8.5
5/18/2003	50.0	64.9	56.1	42.8	50.0	47.1	10.0	18.3	13.4	6.0	10.0	8.4
5/19/2003	39.0	73.9	55.8	36.0	48.0	42.6	3.9	23.3	13.2	2.2	8.9	5.9
5/20/2003	44.1	73.0	59.9	37.0	50.0	43.0	6.7	22.8	15.5	2.8	10.0	6.1
5/21/2003	51.8	64.9	56.3	39.9	57.0	49.5	11.0	18.3	13.5	4.4	13.9	9.7
5/22/2003	46.0	64.9	54.7	41.0	52.0	45.9	7.8	18.3	12.6	5.0	11.1	7.7
5/23/2003	53.1	63.0	57.6	48.2	53.6	50.7	11.7	17.2	14.2	9.0	12.0	10.4
5/24/2003	53.1	61.0	56.3	52.0	57.2	54.7	11.7	16.1	13.5	11.1	14.0	12.6
5/25/2003	57.0	68.0	61.0	50.0	55.9	54.5	13.9	20.0	16.1	10.0	13.3	12.5
5/26/2003	57.0	66.0	60.8	53.1	57.2	55.0	13.9	18.9	16.0	11.7	14.0	12.8
5/27/2003	52.0	64.9	57.9	46.0	55.0	51.3	11.1	18.3	14.4	7.8	12.8	10.7
5/28/2003	53.1	66.2	57.9	48.0	57.2	52.9	11.7	19.0	14.4	8.9	14.0	11.6
5/29/2003	50.0	72.0	58.3	48.9	57.0	52.0	10.0	22.2	14.6	9.4	13.9	11.1
5/30/2003	51.1	73.9	62.8	50.0	57.2	53.8	10.6	23.3	17.1	10.0	14.0	12.1
5/31/2003	57.0	69.1	60.6	54.0	60.8	57.7	13.9	20.6	15.9	12.2	16.0	14.3
6/1/2003	50.0	60.1	54.5	42.8	59.0	48.9	10.0	15.6	12.5	6.0	15.0	9.4
6/2/2003	44.1	71.1	56.3	37.0	44.6	40.3	6.7	21.7	13.5	2.8	7.0	4.6
6/3/2003	46.0	66.9	53.1	41.0	53.6	48.2	7.8	19.4	11.7	5.0	12.0	9.0
6/4/2003	52.0	60.1	55.4	51.1	55.9	52.9	11.1	15.6	13.0	10.6	13.3	11.6
6/5/2003	55.0	68.0	59.5	48.9	57.2	54.1	12.8	20.0	15.3	9.4	14.0	12.3
6/6/2003	55.9	73.9	62.2	50.0	54.0	51.4	13.3	23.3	16.8	10.0	12.2	10.8
6/7/2003	55.0	69.1	59.7	53.1	60.8	57.2	12.8	20.6	15.4	11.7	16.0	14.0
6/8/2003	57.0	71.1	63.1	57.0	60.8	58.8	13.9	21.7	17.3	13.9	16.0	14.9
6/9/2003	57.2	75.9	65.5	51.8	59.0	56.7	14.0	24.4	18.6	11.0	15.0	13.7
6/10/2003	53.1	78.1	63.7	52.0	57.9	55.0	11.7	25.6	17.6	11.1	14.4	12.8
6/11/2003	66.2	77.0	70.3	57.0	66.9	62.8	19.0	25.0	21.3	13.9	19.4	17.1
6/12/2003	64.9	73.9	69.6	64.9	70.0	67.5	18.3	23.3	20.9	18.3	21.1	19.7
6/13/2003	69.1	82.9	73.0	66.0	70.0	67.1	20.6	28.3	22.8	18.9	21.1	19.5

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
6/14/2003	64.9	80.1	72.0	63.0	69.8	66.9	18.3	26.7	22.2	17.2	21.0	19.4
6/15/2003	57.0	80.6	67.8	53.1	66.0	58.5	13.9	27.0	19.9	11.7	18.9	14.7
6/16/2003	48.0	77.0	64.2	42.1	55.4	48.9	8.9	25.0	17.9	5.6	13.0	9.4
6/17/2003	55.9	73.0	63.1	48.2	55.4	52.2	13.3	22.8	17.3	9.0	13.0	11.2
6/18/2003	55.4	64.9	59.7	54.0	61.0	57.4	13.0	18.3	15.4	12.2	16.1	14.1
6/19/2003	59.0	77.0	65.3	59.0	64.0	61.2	15.0	25.0	18.5	15.0	17.8	16.2
6/20/2003	57.2	70.0	63.0	51.1	59.0	55.6	14.0	21.1	17.2	10.6	15.0	13.1
6/21/2003	55.0	66.0	58.6	53.6	61.0	56.1	12.8	18.9	14.8	12.0	16.1	13.4
6/22/2003	57.2	73.9	62.1	53.1	66.2	57.7	14.0	23.3	16.7	11.7	19.0	14.3
6/23/2003	57.9	89.1	71.1	26.6	66.9	48.4	14.4	31.7	21.7	-3.0	19.4	9.1
6/24/2003	57.0	91.0	72.7	26.1	59.0	43.3	13.9	32.8	22.6	-3.3	15.0	6.3
6/25/2003	57.0	90.0	73.9	39.0	63.0	54.1	13.9	32.2	23.3	3.9	17.2	12.3
6/26/2003	66.0	90.0	77.4	52.0	69.8	63.1	18.9	32.2	25.2	11.1	21.0	17.3
6/27/2003	64.9	82.9	73.6	44.6	69.1	60.6	18.3	28.3	23.1	7.0	20.6	15.9
6/28/2003	55.0	81.0	67.5	46.0	57.9	53.2	12.8	27.2	19.7	7.8	14.4	11.8
6/29/2003	60.1	82.9	71.8	51.1	63.0	57.2	15.6	28.3	22.1	10.6	17.2	14.0
6/30/2003	63.0	80.1	70.0	55.0	66.2	62.1	17.2	26.7	21.1	12.8	19.0	16.7
7/1/2003	57.2	82.9	66.7	54.0	61.0	58.6	14.0	28.3	19.3	12.2	16.1	14.8
7/2/2003	60.1	84.0	71.6	59.0	64.4	61.5	15.6	28.9	22.0	15.0	18.0	16.4
7/3/2003	62.1	86.0	72.3	61.0	66.2	63.5	16.7	30.0	22.4	16.1	19.0	17.5
7/4/2003	64.9	91.4	76.8	64.0	68.0	66.4	18.3	33.0	24.9	17.8	20.0	19.1
7/5/2003	69.1	88.0	78.6	61.0	69.1	66.0	20.6	31.1	25.9	16.1	20.6	18.9
7/6/2003	68.0	90.0	79.2	57.0	69.1	65.1	20.0	32.2	26.2	13.9	20.6	18.4
7/7/2003	68.0	82.9	75.9	66.0	73.0	68.5	20.0	28.3	24.4	18.9	22.8	20.3
7/8/2003	71.1	91.0	78.6	66.0	70.0	67.8	21.7	32.8	25.9	18.9	21.1	19.9
7/9/2003	66.9	84.9	73.0	57.2	69.8	64.6	19.4	29.4	22.8	14.0	21.0	18.1
7/10/2003	57.2	71.1	64.0	57.0	64.4	59.9	14.0	21.7	17.8	13.9	18.0	15.5
7/11/2003	64.0	82.9	70.2	55.4	68.0	63.9	17.8	28.3	21.2	13.0	20.0	17.7
7/12/2003	57.9	79.0	69.4	54.0	60.8	57.0	14.4	26.1	20.8	12.2	16.0	13.9
7/13/2003	55.9	79.0	68.7	53.1	61.0	55.9	13.3	26.1	20.4	11.7	16.1	13.3
7/14/2003	55.9	82.0	69.3	55.0	61.0	57.4	13.3	27.8	20.7	12.8	16.1	14.1
7/15/2003	59.0	82.0	70.5	57.0	66.0	61.9	15.0	27.8	21.4	13.9	18.9	16.6
7/16/2003	71.1	84.9	76.3	57.9	71.6	66.2	21.7	29.4	24.6	14.4	22.0	19.0
7/17/2003	57.0	82.9	69.1	55.0	60.8	57.7	13.9	28.3	20.6	12.8	16.0	14.3
7/18/2003	66.0	79.0	69.4	61.0	69.8	65.7	18.9	26.1	20.8	16.1	21.0	18.7
7/19/2003	57.0	80.1	66.2	51.1	66.0	57.7	13.9	26.7	19.0	10.6	18.9	14.3
7/20/2003	53.6	81.0	65.7	53.1	62.6	56.5	12.0	27.2	18.7	11.7	17.0	13.6
7/21/2003	63.0	86.0	73.0	60.8	71.6	65.3	17.2	30.0	22.8	16.0	22.0	18.5
7/22/2003	62.6	75.0	67.3	61.0	69.8	64.4	17.0	23.9	19.6	16.1	21.0	18.0
7/23/2003	66.0	80.1	70.2	60.8	69.1	65.8	18.9	26.7	21.2	16.0	20.6	18.8
7/24/2003	66.2	77.0	69.8	60.1	66.0	63.5	19.0	25.0	21.0	15.6	18.9	17.5
7/25/2003	57.9	82.9	67.1	55.9	62.1	59.5	14.4	28.3	19.5	13.3	16.7	15.3
7/26/2003	59.0	82.9	68.4	57.2	64.0	60.8	15.0	28.3	20.2	14.0	17.8	16.0
7/27/2003	66.2	86.0	73.4	62.1	71.6	67.1	19.0	30.0	23.0	16.7	22.0	19.5
7/28/2003	64.4	80.1	71.1	54.0	71.6	65.1	18.0	26.7	21.7	12.2	22.0	18.4

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
7/29/2003	55.0	80.1	65.1	52.0	59.0	55.8	12.8	26.7	18.4	11.1	15.0	13.2
7/30/2003	55.9	82.0	68.0	55.0	63.0	57.9	13.3	27.8	20.0	12.8	17.2	14.4
7/31/2003	57.9	75.2	69.3	55.9	64.4	60.6	14.4	24.0	20.7	13.3	18.0	15.9
8/1/2003	66.0	75.9	69.8	64.0	71.6	67.3	18.9	24.4	21.0	17.8	22.0	19.6
8/2/2003	68.0	84.0	72.3	66.2	73.4	69.4	20.0	28.9	22.4	19.0	23.0	20.8
8/3/2003	66.2	81.0	72.3	66.2	73.9	69.1	19.0	27.2	22.4	19.0	23.3	20.6
8/4/2003	69.8	82.9	73.9	66.9	72.0	70.2	21.0	28.3	23.3	19.4	22.2	21.2
8/5/2003	66.2	79.0	72.0	66.0	72.0	68.9	19.0	26.1	22.2	18.9	22.2	20.5
8/6/2003	66.2	79.0	70.2	62.6	69.1	66.4	19.0	26.1	21.2	17.0	20.6	19.1
8/7/2003	64.0	82.9	70.5	64.0	69.8	65.8	17.8	28.3	21.4	17.8	21.0	18.8
8/8/2003	66.2	84.2	72.9	66.0	70.0	67.6	19.0	29.0	22.7	18.9	21.1	19.8
8/9/2003	69.1	78.1	72.3	68.0	73.4	70.5	20.6	25.6	22.4	20.0	23.0	21.4
8/10/2003	69.1	82.0	73.6	69.1	73.4	70.2	20.6	27.8	23.1	20.6	23.0	21.2
8/11/2003	66.2	77.0	69.6	64.9	71.6	67.8	19.0	25.0	20.9	18.3	22.0	19.9
8/12/2003	68.0	84.0	72.0	66.9	71.1	68.5	20.0	28.9	22.2	19.4	21.7	20.3
8/13/2003	66.2	89.6	74.7	66.0	73.4	68.9	19.0	32.0	23.7	18.9	23.0	20.5
8/14/2003	69.1	89.1	74.7	63.0	73.0	69.4	20.6	31.7	23.7	17.2	22.8	20.8
8/15/2003	66.0	87.1	74.1	63.0	71.1	67.1	18.9	30.6	23.4	17.2	21.7	19.5
8/16/2003	69.8	84.9	75.6	66.9	72.0	69.6	21.0	29.4	24.2	19.4	22.2	20.9
8/17/2003	66.0	82.4	70.9	60.1	69.8	66.0	18.9	28.0	21.6	15.6	21.0	18.9
8/18/2003	55.9	80.1	66.9	55.0	62.1	58.5	13.3	26.7	19.4	12.8	16.7	14.7
8/19/2003	59.0	82.0	66.7	57.2	64.0	59.7	15.0	27.8	19.3	14.0	17.8	15.4
8/20/2003	60.1	84.0	68.9	59.0	70.0	63.1	15.6	28.9	20.5	15.0	21.1	17.3
8/21/2003	64.4	87.1	72.5	64.4	70.0	66.7	18.0	30.6	22.5	18.0	21.1	19.3
8/22/2003	68.0	89.1	75.4	66.2	73.9	69.3	20.0	31.7	24.1	19.0	23.3	20.7
8/23/2003	62.1	81.0	71.1	45.0	66.0	57.6	16.7	27.2	21.7	7.2	18.9	14.2
8/24/2003	51.1	75.9	62.8	46.0	52.0	49.6	10.6	24.4	17.1	7.8	11.1	9.8
8/25/2003	60.1	87.1	70.0	50.0	66.2	58.8	15.6	30.6	21.1	10.0	19.0	14.9
8/26/2003	63.0	79.0	69.6	62.6	71.6	66.2	17.2	26.1	20.9	17.0	22.0	19.0
8/27/2003	64.4	84.9	70.2	64.0	69.1	66.0	18.0	29.4	21.2	17.8	20.6	18.9
8/28/2003	57.2	80.1	66.6	51.1	66.9	58.5	14.0	26.7	19.2	10.6	19.4	14.7
8/29/2003	57.9	84.0	68.7	55.4	73.9	63.0	14.4	28.9	20.4	13.0	23.3	17.2
8/30/2003	64.4	79.0	70.5	59.0	71.6	67.8	18.0	26.1	21.4	15.0	22.0	19.9
8/31/2003	50.0	72.0	58.8	46.4	61.0	52.3	10.0	22.2	14.9	8.0	16.1	11.3
9/1/2003	60.8	66.0	63.0	57.9	64.9	61.9	16.0	18.9	17.2	14.4	18.3	16.6
9/2/2003	62.6	69.1	65.1	60.1	66.2	63.7	17.0	20.6	18.4	15.6	19.0	17.6
9/3/2003	60.8	66.2	63.0	60.1	66.2	62.1	16.0	19.0	17.2	15.6	19.0	16.7
9/4/2003	64.4	75.9	68.2	62.6	68.0	66.0	18.0	24.4	20.1	17.0	20.0	18.9
9/5/2003	57.0	68.0	62.4	53.1	63.0	57.7	13.9	20.0	16.9	11.7	17.2	14.3
9/6/2003	51.1	73.9	57.6	51.1	62.1	53.4	10.6	23.3	14.2	10.6	16.7	11.9
9/7/2003	53.6	77.0	59.9	48.0	62.6	55.4	12.0	25.0	15.5	8.9	17.0	13.0
9/8/2003	57.0	79.0	63.9	55.9	63.0	59.2	13.9	26.1	17.7	13.3	17.2	15.1
9/9/2003	59.0	72.0	64.2	57.0	62.1	58.5	15.0	22.2	17.9	13.9	16.7	14.7
9/10/2003	50.0	77.0	59.9	50.0	61.0	53.6	10.0	25.0	15.5	10.0	16.1	12.0
9/11/2003	53.1	79.0	62.1	52.0	66.0	56.3	11.7	26.1	16.7	11.1	18.9	13.5

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
9/12/2003	55.4	73.0	63.5	51.1	64.0	56.7	13.0	22.8	17.5	10.6	17.8	13.7
9/13/2003	59.0	71.1	64.0	51.1	70.0	60.1	15.0	21.7	17.8	10.6	21.1	15.6
9/14/2003	77.0	77.0	77.0	64.4	64.9	64.6	25.0	25.0	25.0	18.0	18.3	18.1
9/15/2003	Bad or missing data											
9/16/2003	Bad or missing data											
9/17/2003	Bad or missing data											
9/18/2003	51.8	71.1	59.9	51.1	62.1	55.4	11.0	21.7	15.5	10.6	16.7	13.0
9/19/2003	66.0	71.1	68.0	59.0	66.9	63.7	18.9	21.7	20.0	15.0	19.4	17.6
9/20/2003	60.8	73.9	65.1	52.0	64.9	61.2	16.0	23.3	18.4	11.1	18.3	16.2
9/21/2003	50.0	72.0	57.6	50.0	57.2	52.7	10.0	22.2	14.2	10.0	14.0	11.5
9/22/2003	62.1	71.1	66.2	57.0	64.9	59.9	16.7	21.7	19.0	13.9	18.3	15.5
9/23/2003	57.2	71.6	65.8	48.0	66.2	60.8	14.0	22.0	18.8	8.9	19.0	16.0
9/24/2003	48.0	71.1	55.6	46.0	53.1	49.6	8.9	21.7	13.1	7.8	11.7	9.8
9/25/2003	53.1	66.0	60.3	48.9	60.8	55.0	11.7	18.9	15.7	9.4	16.0	12.8
9/26/2003	48.0	69.1	55.9	48.0	60.8	53.2	8.9	20.6	13.3	8.9	16.0	11.8
9/27/2003	63.0	78.1	69.1	57.2	63.0	62.1	17.2	25.6	20.6	14.0	17.2	16.7
9/28/2003	55.0	69.1	60.3	48.2	61.0	55.4	12.8	20.6	15.7	9.0	16.1	13.0
9/29/2003	50.0	59.0	54.9	44.1	48.9	46.2	10.0	15.0	12.7	6.7	9.4	7.9
9/30/2003	41.0	62.1	48.2	36.0	46.0	41.4	5.0	16.7	9.0	2.2	7.8	5.2
10/1/2003	48.0	55.0	50.7	37.0	48.2	43.9	8.9	12.8	10.4	2.8	9.0	6.6
10/2/2003	41.0	51.8	45.0	30.0	44.1	37.8	5.0	11.0	7.2	-1.1	6.7	3.2
10/3/2003	32.0	55.0	40.8	27.0	37.9	32.9	0.0	12.8	4.9	-2.8	3.3	0.5
10/4/2003	44.6	52.0	48.0	30.0	48.2	40.8	7.0	11.1	8.9	-1.1	9.0	4.9
10/5/2003	37.4	55.0	43.3	32.0	41.0	37.9	3.0	12.8	6.3	0.0	5.0	3.3
10/6/2003	33.8	57.0	40.5	30.9	39.9	35.1	1.0	13.9	4.7	-0.6	4.4	1.7
10/7/2003	33.8	63.0	42.4	33.1	46.4	37.6	1.0	17.2	5.8	0.6	8.0	3.1
10/8/2003	41.0	70.0	49.6	39.2	55.9	45.7	5.0	21.1	9.8	4.0	13.3	7.6
10/9/2003	48.2	77.0	55.4	48.2	59.0	52.5	9.0	25.0	13.0	9.0	15.0	11.4
10/10/2003	52.0	75.9	60.3	51.8	59.0	55.4	11.1	24.4	15.7	11.0	15.0	13.0
10/11/2003	48.2	73.9	55.6	48.2	59.0	51.4	9.0	23.3	13.1	9.0	15.0	10.8
10/12/2003	46.0	73.9	54.1	44.6	59.0	49.8	7.8	23.3	12.3	7.0	15.0	9.9
10/13/2003	46.0	70.0	57.4	44.1	57.0	47.7	7.8	21.1	14.1	6.7	13.9	8.7
10/14/2003	44.1	62.6	51.3	42.1	51.8	45.9	6.7	17.0	10.7	5.6	11.0	7.7
10/15/2003	51.1	57.2	54.1	28.9	53.6	45.3	10.6	14.0	12.3	-1.7	12.0	7.4
10/16/2003	35.6	59.0	47.7	33.1	41.0	37.6	2.0	15.0	8.7	0.6	5.0	3.1
10/17/2003	37.4	51.1	42.8	37.0	42.1	39.4	3.0	10.6	6.0	2.8	5.6	4.1
10/18/2003	39.0	54.0	44.1	35.1	41.0	38.7	3.9	12.2	6.7	1.7	5.0	3.7
10/19/2003	44.6	55.0	48.9	35.6	43.0	40.5	7.0	12.8	9.4	2.0	6.1	4.7
10/20/2003	33.8	60.1	41.9	32.0	42.8	36.3	1.0	15.6	5.5	0.0	6.0	2.4
10/21/2003	44.6	70.0	56.1	43.0	52.0	45.7	7.0	21.1	13.4	6.1	11.1	7.6
10/22/2003	39.2	57.0	47.8	26.6	46.0	39.9	4.0	13.9	8.8	-3.0	7.8	4.4
10/23/2003	37.0	42.1	38.8	19.4	27.0	23.2	2.8	5.6	3.8	-7.0	-2.8	-4.9
10/24/2003	33.1	52.0	39.9	19.9	34.0	27.9	0.6	11.1	4.4	-6.7	1.1	-2.3
10/25/2003	30.9	57.9	43.0	28.0	39.2	32.5	-0.6	14.4	6.1	-2.2	4.0	0.3
10/26/2003	52.0	64.0	58.1	39.9	57.0	49.8	11.1	17.8	14.5	4.4	13.9	9.9

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
10/27/2003	44.6	60.1	53.2	42.8	57.2	51.6	7.0	15.6	11.8	6.0	14.0	10.9
10/28/2003	33.8	53.1	40.5	33.1	42.1	36.3	1.0	11.7	4.7	0.6	5.6	2.4
10/29/2003	44.1	50.0	46.0	36.0	46.4	43.3	6.7	10.0	7.8	2.2	8.0	6.3
10/30/2003	33.8	60.1	44.6	32.0	41.0	35.4	1.0	15.6	7.0	0.0	5.0	1.9
10/31/2003	37.9	70.0	51.3	37.0	50.0	42.1	3.3	21.1	10.7	2.8	10.0	5.6
11/1/2003	46.4	72.0	55.8	46.0	62.1	51.6	8.0	22.2	13.2	7.8	16.7	10.9
11/2/2003	51.8	66.0	57.6	51.1	61.0	54.7	11.0	18.9	14.2	10.6	16.1	12.6
11/3/2003	53.1	70.0	57.2	53.1	61.0	55.6	11.7	21.1	14.0	11.7	16.1	13.1
11/4/2003	50.0	73.9	56.8	50.0	57.9	53.2	10.0	23.3	13.8	10.0	14.4	11.8
11/5/2003	57.0	63.0	58.3	53.6	57.9	56.5	13.9	17.2	14.6	12.0	14.4	13.6
11/6/2003	48.2	59.0	54.1	44.6	57.9	51.6	9.0	15.0	12.3	7.0	14.4	10.9
11/7/2003	41.0	54.0	47.7	24.8	46.0	37.4	5.0	12.2	8.7	-4.0	7.8	3.0
11/8/2003	30.2	48.0	38.8	7.0	26.1	18.5	-1.0	8.9	3.8	-13.9	-3.3	-7.5
11/9/2003	19.0	39.9	28.4	10.0	19.9	15.8	-7.2	4.4	-2.0	-12.2	-6.7	-9.0
11/10/2003	19.4	45.0	29.3	15.8	25.0	19.8	-7.0	7.2	-1.5	-9.0	-3.9	-6.8
11/11/2003	28.0	42.8	35.4	24.1	41.0	31.6	-2.2	6.0	1.9	-4.4	5.0	-0.2
11/12/2003	39.2	51.8	44.4	39.2	51.8	44.2	4.0	11.0	6.9	4.0	11.0	6.8
11/13/2003	35.1	57.2	46.0	19.4	53.6	35.8	1.7	14.0	7.8	-7.0	12.0	2.1
11/14/2003	33.8	42.8	36.3	17.1	30.2	21.7	1.0	6.0	2.4	-8.3	-1.0	-5.7
11/15/2003	37.9	51.1	43.5	19.9	36.0	30.4	3.3	10.6	6.4	-6.7	2.2	-0.9
11/16/2003	33.1	48.0	39.9	30.9	37.9	34.7	0.6	8.9	4.4	-0.6	3.3	1.5
11/17/2003	42.8	55.9	46.6	36.0	45.0	41.5	6.0	13.3	8.1	2.2	7.2	5.3
11/18/2003	33.8	51.8	41.2	33.8	46.9	39.6	1.0	11.0	5.1	1.0	8.3	4.2
11/19/2003	51.1	66.2	56.3	46.9	60.8	54.5	10.6	19.0	13.5	8.3	16.0	12.5
11/20/2003	39.9	55.9	47.7	32.0	55.9	39.7	4.4	13.3	8.7	0.0	13.3	4.3
11/21/2003	30.0	63.0	41.0	30.0	45.0	35.6	-1.1	17.2	5.0	-1.1	7.2	2.0
11/22/2003	35.6	60.1	43.0	35.6	45.0	40.1	2.0	15.6	6.1	2.0	7.2	4.5
11/23/2003	36.0	57.9	43.7	36.0	46.9	40.8	2.2	14.4	6.5	2.2	8.3	4.9
11/24/2003	37.4	57.0	48.2	35.6	50.0	43.5	3.0	13.9	9.0	2.0	10.0	6.4
11/25/2003	30.2	37.0	34.0	19.0	36.0	25.2	-1.0	2.8	1.1	-7.2	2.2	-3.8
11/26/2003	30.0	43.0	34.5	24.1	30.2	26.4	-1.1	6.1	1.4	-4.4	-1.0	-3.1
11/27/2003	30.0	50.0	39.9	28.4	37.4	32.7	-1.1	10.0	4.4	-2.0	3.0	0.4
11/28/2003	44.6	55.9	49.8	37.0	55.9	48.2	7.0	13.3	9.9	2.8	13.3	9.0
11/29/2003	37.0	46.0	39.6	19.9	44.1	30.6	2.8	7.8	4.2	-6.7	6.7	-0.8
11/30/2003	33.1	48.9	39.0	21.0	28.9	24.8	0.6	9.4	3.9	-6.1	-1.7	-4.0
12/1/2003	33.8	46.9	41.4	17.6	34.0	27.5	1.0	8.3	5.2	-8.0	1.1	-2.5
12/2/2003	24.8	34.0	30.4	3.0	28.0	16.3	-4.0	1.1	-0.9	-16.1	-2.2	-8.7
12/3/2003	19.0	34.0	24.3	7.0	15.8	11.3	-7.2	1.1	-4.3	-13.9	-9.0	-11.5
12/4/2003	17.1	33.1	22.8	14.0	21.2	16.5	-8.3	0.6	-5.1	-10.0	-6.0	-8.6
12/5/2003	23.0	37.4	30.9	19.9	30.2	24.4	-5.0	3.0	-0.6	-6.7	-1.0	-4.2
12/6/2003	23.0	32.0	26.8	17.1	32.0	24.1	-5.0	0.0	-2.9	-8.3	0.0	-4.4
12/7/2003	21.2	30.9	25.0	7.0	19.4	13.6	-6.0	-0.6	-3.9	-13.9	-7.0	-10.2
12/8/2003	12.9	32.0	22.3	8.1	21.2	13.3	-10.6	0.0	-5.4	-13.3	-6.0	-10.4
12/9/2003	27.0	35.6	30.9	17.1	24.1	21.6	-2.8	2.0	-0.6	-8.3	-4.4	-5.8
12/10/2003	35.1	48.2	37.4	23.0	37.9	28.2	1.7	9.0	3.0	-5.0	3.3	-2.1

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
12/11/2003	39.0	54.0	47.1	24.8	51.1	43.9	3.9	12.2	8.4	-4.0	10.6	6.6
12/12/2003	30.2	39.0	35.1	17.1	26.1	20.3	-1.0	3.9	1.7	-8.3	-3.3	-6.5
12/13/2003	23.0	30.9	28.0	6.8	18.0	12.4	-5.0	-0.6	-2.2	-14.0	-7.8	-10.9
12/14/2003	24.1	28.0	25.9	8.1	27.0	20.5	-4.4	-2.2	-3.4	-13.3	-2.8	-6.4
12/15/2003	26.1	37.0	30.0	23.0	30.9	25.9	-3.3	2.8	-1.1	-5.0	-0.6	-3.4
12/16/2003	19.0	37.9	29.5	17.1	28.0	23.2	-7.2	3.3	-1.4	-8.3	-2.2	-4.9
12/17/2003	25.0	34.0	32.0	21.2	33.8	30.0	-3.9	1.1	0.0	-6.0	1.0	-1.1
12/18/2003	27.0	30.2	29.1	19.0	24.8	20.8	-2.8	-1.0	-1.6	-7.2	-4.0	-6.2
12/19/2003	26.6	32.0	29.5	21.0	23.0	21.9	-3.0	0.0	-1.4	-6.1	-5.0	-5.6
12/20/2003	21.0	32.0	27.3	12.9	21.9	19.2	-6.1	0.0	-2.6	-10.6	-5.6	-7.1
12/21/2003	24.1	34.0	27.5	10.9	18.0	14.9	-4.4	1.1	-2.5	-11.7	-7.8	-9.5
12/22/2003	19.0	36.0	26.2	12.9	27.0	18.0	-7.2	2.2	-3.2	-10.6	-2.8	-7.8
12/23/2003	33.8	50.0	39.0	26.1	36.0	31.8	1.0	10.0	3.9	-3.3	2.2	-0.1
12/24/2003	37.4	50.0	43.7	30.0	48.2	40.1	3.0	10.0	6.5	-1.1	9.0	4.5
12/25/2003	28.0	39.0	33.8	18.0	36.0	26.1	-2.2	3.9	1.0	-7.8	2.2	-3.3
12/26/2003	30.0	43.0	34.0	18.0	27.0	22.6	-1.1	6.1	1.1	-7.8	-2.8	-5.2
12/27/2003	30.0	46.0	35.6	19.4	30.0	25.0	-1.1	7.8	2.0	-7.0	-1.1	-3.9
12/28/2003	21.2	45.0	28.6	21.0	30.9	25.5	-6.0	7.2	-1.9	-6.1	-0.6	-3.6
12/29/2003	23.0	46.0	30.6	21.0	32.0	26.1	-5.0	7.8	-0.8	-6.1	0.0	-3.3
12/30/2003	33.1	42.1	37.8	21.2	37.4	31.5	0.6	5.6	3.2	-6.0	3.0	-0.3
12/31/2003	27.0	45.0	37.8	21.9	27.0	31.5	-2.8	7.2	3.2	-5.6	-2.8	-0.3
1/1/2004	28.9	46.0	38.1	17.1	26.1	22.1	-1.7	7.8	3.4	-8.3	-3.3	-5.5
1/2/2004	32.0	37.9	35.2	25.0	36.0	31.5	0.0	3.3	1.8	-3.9	2.2	-0.3
1/3/2004	37.9	48.2	44.8	36.0	46.9	43.9	3.3	9.0	7.1	2.2	8.3	6.6
1/4/2004	35.6	46.4	43.2	33.1	46.4	41.2	2.0	8.0	6.2	0.6	8.0	5.1
1/5/2004	33.8	39.9	36.7	32.0	37.4	34.3	1.0	4.4	2.6	0.0	3.0	1.3
1/6/2004	19.4	37.4	30.0	1.4	33.1	19.0	-7.0	3.0	-1.1	-17.0	0.6	-7.2
1/7/2004	14.0	21.2	17.6	-2.0	10.0	2.7	-10.0	-6.0	-8.0	-18.9	-12.2	-16.3
1/8/2004	19.0	30.0	22.8	3.2	14.0	9.5	-7.2	-1.1	-5.1	-16.0	-10.0	-12.5
1/9/2004	5.0	27.0	16.2	-11.9	18.0	2.1	-15.0	-2.8	-8.8	-24.4	-7.8	-16.6
1/10/2004	-0.4	12.9	4.5	-11.9	-7.1	-8.9	-18.0	-10.6	-15.3	-24.4	-21.7	-22.7
1/11/2004	3.0	28.4	11.7	-7.1	7.0	0.5	-16.1	-2.0	-11.3	-21.7	-13.9	-17.5
1/12/2004	24.8	33.8	28.0	7.0	32.0	20.3	-4.0	1.0	-2.2	-13.9	0.0	-6.5
1/13/2004	23.0	37.0	34.0	5.0	30.9	23.5	-5.0	2.8	1.1	-15.0	-0.6	-4.7
1/14/2004	8.1	23.0	12.6	-5.8	9.0	2.5	-13.3	-5.0	-10.8	-21.0	-12.8	-16.4
1/15/2004	5.0	12.9	11.1	-11.2	9.0	3.9	-15.0	-10.6	-11.6	-24.0	-12.8	-15.6
1/16/2004	-0.4	23.0	8.2	-16.6	3.0	-7.8	-18.0	-5.0	-13.2	-27.0	-16.1	-22.1
1/17/2004	8.6	21.2	15.8	-0.9	17.6	6.4	-13.0	-6.0	-9.0	-18.3	-8.0	-14.2
1/18/2004	19.0	32.0	24.8	10.4	25.0	21.4	-7.2	0.0	-4.0	-12.0	-3.9	-5.9
1/19/2004	19.4	27.0	21.9	8.1	12.0	9.9	-7.0	-2.8	-5.6	-13.3	-11.1	-12.3
1/20/2004	19.4	27.0	22.1	3.9	10.9	7.2	-7.0	-2.8	-5.5	-15.6	-11.7	-13.8
1/21/2004	17.1	23.0	18.7	3.2	9.0	5.9	-8.3	-5.0	-7.4	-16.0	-12.8	-14.5
1/22/2004	18.0	33.1	23.4	-0.4	25.0	8.6	-7.8	0.6	-4.8	-18.0	-3.9	-13.0
1/23/2004	6.8	19.0	11.5	-8.0	1.9	-4.2	-14.0	-7.2	-11.4	-22.2	-16.7	-20.1
1/24/2004	8.1	19.9	12.0	-7.6	7.0	2.5	-13.3	-6.7	-11.1	-22.0	-13.9	-16.4

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
1/25/2004	1.0	16.0	7.9	-11.0	1.4	-5.1	-17.2	-8.9	-13.4	-23.9	-17.0	-20.6
1/26/2004	12.0	17.6	14.4	-2.2	14.0	9.0	-11.1	-8.0	-9.8	-19.0	-10.0	-12.8
1/27/2004	15.8	23.0	18.9	8.1	21.2	14.7	-9.0	-5.0	-7.3	-13.3	-6.0	-9.6
1/28/2004	21.0	26.1	22.3	7.0	21.2	17.1	-6.1	-3.3	-5.4	-13.9	-6.0	-8.3
1/29/2004	17.6	21.9	19.8	-2.9	10.9	3.9	-8.0	-5.6	-6.8	-19.4	-11.7	-15.6
1/30/2004	7.0	18.0	13.3	-2.9	3.9	-0.4	-13.9	-7.8	-10.4	-19.4	-15.6	-18.0
1/31/2004	10.4	21.0	14.4	0.0	7.0	2.8	-12.0	-6.1	-9.8	-17.8	-13.9	-16.2
2/1/2004	12.9	33.1	19.9	3.2	14.0	8.8	-10.6	0.6	-6.7	-16.0	-10.0	-12.9
2/2/2004	6.1	30.9	17.6	3.9	18.0	11.3	-14.4	-0.6	-8.0	-15.6	-7.8	-11.5
2/3/2004	18.0	33.8	28.0	14.0	32.0	25.0	-7.8	1.0	-2.2	-10.0	0.0	-3.9
2/4/2004	30.2	35.6	33.8	16.0	32.0	25.5	-1.0	2.0	1.0	-8.9	0.0	-3.6
2/5/2004	16.0	30.9	23.5	9.0	21.9	14.5	-8.9	-0.6	-4.7	-12.8	-5.6	-9.7
2/6/2004	24.8	37.0	28.9	21.0	33.8	25.9	-4.0	2.8	-1.7	-6.1	1.0	-3.4
2/7/2004	28.4	37.0	34.0	12.2	34.0	29.8	-2.0	2.8	1.1	-11.0	1.1	-1.2
2/8/2004	12.2	30.0	22.3	0.0	12.9	6.8	-11.0	-1.1	-5.4	-17.8	-10.6	-14.0
2/9/2004	8.1	36.0	19.9	3.9	21.2	10.4	-13.3	2.2	-6.7	-15.6	-6.0	-12.0
2/10/2004	26.1	41.0	34.9	19.0	26.1	21.4	-3.3	5.0	1.6	-7.2	-3.3	-5.9
2/11/2004	26.1	37.0	31.3	10.9	28.4	17.8	-3.3	2.8	-0.4	-11.7	-2.0	-7.9
2/12/2004	16.0	37.0	24.1	10.9	21.9	14.7	-8.9	2.8	-4.4	-11.7	-5.6	-9.6
2/13/2004	30.0	36.0	32.7	17.1	26.1	20.5	-1.1	2.2	0.4	-8.3	-3.3	-6.4
2/14/2004	25.0	35.1	30.2	16.0	19.4	18.0	-3.9	1.7	-1.0	-8.9	-7.0	-7.8
2/15/2004	15.1	30.9	22.6	-2.9	21.0	6.8	-9.4	-0.6	-5.2	-19.4	-6.1	-14.0
2/16/2004	1.0	26.1	11.7	-6.0	10.9	0.3	-17.2	-3.3	-11.3	-21.1	-11.7	-17.6
2/17/2004	7.0	30.9	17.8	3.0	12.2	7.0	-13.9	-0.6	-7.9	-16.1	-11.0	-13.9
2/18/2004	14.0	37.9	25.0	9.0	16.0	12.0	-10.0	3.3	-3.9	-12.8	-8.9	-11.1
2/19/2004	25.0	45.0	34.2	12.9	26.6	20.8	-3.9	7.2	1.2	-10.6	-3.0	-6.2
2/20/2004	23.0	44.1	33.1	21.0	28.4	25.0	-5.0	6.7	0.6	-6.1	-2.0	-3.9
2/21/2004	35.1	41.0	37.8	23.0	34.0	30.2	1.7	5.0	3.2	-5.0	1.1	-1.0
2/22/2004	32.0	41.0	35.6	17.6	26.1	20.8	0.0	5.0	2.0	-8.0	-3.3	-6.2
2/23/2004	21.2	39.0	30.2	15.1	21.2	18.1	-6.0	3.9	-1.0	-9.4	-6.0	-7.7
2/24/2004	24.8	33.1	30.6	19.0	30.9	27.3	-4.0	0.6	-0.8	-7.2	-0.6	-2.6
2/25/2004	15.1	37.9	26.4	7.0	19.9	12.9	-9.4	3.3	-3.1	-13.9	-6.7	-10.6
2/26/2004	15.8	41.0	27.3	12.0	21.2	15.4	-9.0	5.0	-2.6	-11.1	-6.0	-9.2
2/27/2004	21.2	45.0	31.5	6.8	18.0	12.7	-6.0	7.2	-0.3	-14.0	-7.8	-10.7
2/28/2004	21.0	50.0	32.9	14.0	28.0	19.0	-6.1	10.0	0.5	-10.0	-2.2	-7.2
2/29/2004	21.0	46.9	33.3	21.0	32.0	25.0	-6.1	8.3	0.7	-6.1	0.0	-3.9
3/1/2004	24.8	46.0	34.9	24.8	33.1	29.1	-4.0	7.8	1.6	-4.0	0.6	-1.6
3/2/2004	35.6	59.0	44.6	30.2	46.0	36.5	2.0	15.0	7.0	-1.0	7.8	2.5
3/3/2004	33.8	51.8	43.9	33.1	41.0	37.0	1.0	11.0	6.6	0.6	5.0	2.8
3/4/2004	35.6	51.1	40.5	35.6	44.6	39.2	2.0	10.6	4.7	2.0	7.0	4.0
3/5/2004	41.0	50.0	46.0	41.0	48.2	44.2	5.0	10.0	7.8	5.0	9.0	6.8
3/6/2004	44.1	55.9	47.1	30.2	54.0	45.3	6.7	13.3	8.4	-1.0	12.2	7.4
3/7/2004	39.0	52.0	43.3	26.1	41.0	31.1	3.9	11.1	6.3	-3.3	5.0	-0.5
3/8/2004	35.1	42.1	38.1	28.9	39.2	35.2	1.7	5.6	3.4	-1.7	4.0	1.8
3/9/2004	28.9	37.9	33.8	19.0	33.8	25.0	-1.7	3.3	1.0	-7.2	1.0	-3.9

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
3/10/2004	30.0	43.0	33.6	26.6	32.0	29.7	-1.1	6.1	0.9	-3.0	0.0	-1.3
3/11/2004	23.0	51.1	35.4	21.0	32.0	25.3	-5.0	10.6	1.9	-6.1	0.0	-3.7
3/12/2004	28.4	46.9	36.1	15.8	37.4	24.4	-2.0	8.3	2.3	-9.0	3.0	-4.2
3/13/2004	24.8	42.1	32.0	6.1	18.0	12.7	-4.0	5.6	0.0	-14.4	-7.8	-10.7
3/14/2004	23.0	45.0	32.5	6.1	33.8	17.2	-5.0	7.2	0.3	-14.4	1.0	-8.2
3/15/2004	32.0	53.1	43.5	17.1	42.8	30.2	0.0	11.7	6.4	-8.3	6.0	-1.0
3/16/2004	28.0	45.0	30.7	17.1	30.2	25.9	-2.2	7.2	-0.7	-8.3	-1.0	-3.4
3/17/2004	26.6	33.1	29.3	26.1	32.0	28.6	-3.0	0.6	-1.5	-3.3	0.0	-1.9
3/18/2004	23.0	39.0	30.4	19.0	30.9	25.7	-5.0	3.9	-0.9	-7.2	-0.6	-3.5
3/19/2004	30.0	39.0	33.4	18.0	32.0	27.5	-1.1	3.9	0.8	-7.8	0.0	-2.5
3/20/2004	23.0	45.0	33.8	19.0	41.0	27.0	-5.0	7.2	1.0	-7.2	5.0	-2.8
3/21/2004	32.0	42.1	38.1	15.8	39.9	33.6	0.0	5.6	3.4	-9.0	4.4	0.9
3/22/2004	19.4	34.0	27.3	-2.2	17.1	5.4	-7.0	1.1	-2.6	-19.0	-8.3	-14.8
3/23/2004	14.0	48.0	29.7	-2.0	16.0	9.7	-10.0	8.9	-1.3	-18.9	-8.9	-12.4
3/24/2004	24.1	57.0	39.4	16.0	33.8	23.4	-4.4	13.9	4.1	-8.9	1.0	-4.8
3/25/2004	42.1	57.0	48.6	34.0	45.0	41.2	5.6	13.9	9.2	1.1	7.2	5.1
3/26/2004	41.0	64.9	51.8	41.0	50.0	44.2	5.0	18.3	11.0	5.0	10.0	6.8
3/27/2004	50.0	68.0	56.3	45.0	57.2	51.3	10.0	20.0	13.5	7.2	14.0	10.7
3/28/2004	45.0	64.9	52.2	37.0	46.4	41.2	7.2	18.3	11.2	2.8	8.0	5.1
3/29/2004	44.1	60.1	50.5	28.4	44.1	34.5	6.7	15.6	10.3	-2.0	6.7	1.4
3/30/2004	33.8	54.0	42.6	17.1	37.9	29.8	1.0	12.2	5.9	-8.3	3.3	-1.2
3/31/2004	41.0	51.8	45.3	37.9	44.6	41.7	5.0	11.0	7.4	3.3	7.0	5.4
4/1/2004	44.6	55.0	48.4	42.1	48.2	45.7	7.0	12.8	9.1	5.6	9.0	7.6
4/2/2004	44.1	51.1	46.6	39.9	45.0	42.6	6.7	10.6	8.1	4.4	7.2	5.9
4/3/2004	41.0	50.0	44.8	35.6	42.1	38.5	5.0	10.0	7.1	2.0	5.6	3.6
4/4/2004	32.0	46.0	39.4	19.9	42.1	35.2	0.0	7.8	4.1	-6.7	5.6	1.8
4/5/2004	24.8	41.0	32.0	1.0	24.1	9.7	-4.0	5.0	0.0	-17.2	-4.4	-12.4
4/6/2004	27.0	55.9	39.7	3.9	21.2	10.9	-2.8	13.3	4.3	-15.6	-6.0	-11.7
4/7/2004	39.9	66.0	51.1	21.0	37.9	32.5	4.4	18.9	10.6	-6.1	3.3	0.3
4/8/2004	33.1	52.0	41.7	25.0	39.9	34.0	0.6	11.1	5.4	-3.9	4.4	1.1
4/9/2004	35.6	60.1	43.9	15.1	41.0	35.2	2.0	15.6	6.6	-9.4	5.0	1.8
4/10/2004	30.0	62.1	45.3	18.0	28.9	26.6	-1.1	16.7	7.4	-7.8	-1.7	-3.0
4/11/2004	37.9	55.0	44.4	21.9	34.0	28.0	3.3	12.8	6.9	-5.6	1.1	-2.2
4/12/2004	39.0	54.0	44.6	21.0	41.0	32.7	3.9	12.2	7.0	-6.1	5.0	0.4
4/13/2004	41.0	46.9	44.4	39.2	46.9	43.5	5.0	8.3	6.9	4.0	8.3	6.4
4/14/2004	42.1	46.9	45.5	28.4	46.9	41.5	5.6	8.3	7.5	-2.0	8.3	5.3
4/15/2004	37.0	55.9	46.6	15.8	28.9	24.1	2.8	13.3	8.1	-9.0	-1.7	-4.4
4/16/2004	28.9	66.9	46.0	17.1	27.0	22.5	-1.7	19.4	7.8	-8.3	-2.8	-5.3
4/17/2004	42.1	80.1	58.6	27.0	50.0	39.0	5.6	26.7	14.8	-2.8	10.0	3.9
4/18/2004	46.9	82.9	65.1	46.0	59.0	51.8	8.3	28.3	18.4	7.8	15.0	11.0
4/19/2004	55.4	84.2	72.1	39.2	59.0	51.3	13.0	29.0	22.3	4.0	15.0	10.7
4/20/2004	48.9	75.0	60.1	37.0	60.1	45.3	9.4	23.9	15.6	2.8	15.6	7.4
4/21/2004	51.1	71.1	60.4	37.0	57.9	47.1	10.6	21.7	15.8	2.8	14.4	8.4
4/22/2004	55.0	73.9	62.8	50.0	59.0	54.5	12.8	23.3	17.1	10.0	15.0	12.5
4/23/2004	51.1	61.0	53.8	48.2	59.0	51.8	10.6	16.1	12.1	9.0	15.0	11.0

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
4/24/2004	46.9	66.9	54.1	33.1	53.1	45.1	8.3	19.4	12.3	0.6	11.7	7.3
4/25/2004	44.1	60.1	47.1	28.4	44.1	36.7	6.7	15.6	8.4	-2.0	6.7	2.6
4/26/2004	46.4	55.0	50.4	43.0	53.1	48.6	8.0	12.8	10.2	6.1	11.7	9.2
4/27/2004	42.1	57.9	47.3	27.0	48.0	41.0	5.6	14.4	8.5	-2.8	8.9	5.0
4/28/2004	32.0	59.0	44.6	18.0	37.0	26.1	0.0	15.0	7.0	-7.8	2.8	-3.3
4/29/2004	41.0	81.0	58.8	28.0	51.1	40.1	5.0	27.2	14.9	-2.2	10.6	4.5
4/30/2004	54.0	77.0	66.9	45.0	55.4	50.7	12.2	25.0	19.4	7.2	13.0	10.4
5/1/2004	61.0	79.0	70.2	53.1	62.6	58.1	16.1	26.1	21.2	11.7	17.0	14.5
5/2/2004	62.6	77.0	68.4	59.0	66.2	63.7	17.0	25.0	20.2	15.0	19.0	17.6
5/3/2004	46.0	62.1	54.3	32.0	61.0	45.3	7.8	16.7	12.4	0.0	16.1	7.4
5/4/2004	37.9	61.0	48.9	27.0	33.1	29.8	3.3	16.1	9.4	-2.8	0.6	-1.2
5/5/2004	41.0	64.9	49.8	27.0	53.1	41.4	5.0	18.3	9.9	-2.8	11.7	5.2
5/6/2004	36.0	73.9	53.8	36.0	48.9	40.6	2.2	23.3	12.1	2.2	9.4	4.8
5/7/2004	55.4	75.9	61.9	44.1	63.0	55.4	13.0	24.4	16.6	6.7	17.2	13.0
5/8/2004	48.0	66.9	56.7	32.0	48.2	40.5	8.9	19.4	13.7	0.0	9.0	4.7
5/9/2004	50.0	73.0	57.9	43.0	60.8	50.2	10.0	22.8	14.4	6.1	16.0	10.1
5/10/2004	55.0	86.0	66.4	55.0	66.2	60.1	12.8	30.0	19.1	12.8	19.0	15.6
5/11/2004	60.8	84.0	71.6	60.1	64.9	62.4	16.0	28.9	22.0	15.6	18.3	16.9
5/12/2004	62.6	82.9	68.5	62.6	69.8	65.3	17.0	28.3	20.3	17.0	21.0	18.5
5/13/2004	60.8	86.0	69.3	60.8	66.9	63.7	16.0	30.0	20.7	16.0	19.4	17.6
5/14/2004	64.4	80.1	71.4	63.0	70.0	66.6	18.0	26.7	21.9	17.2	21.1	19.2
5/15/2004	62.6	81.0	69.8	62.1	68.0	65.1	17.0	27.2	21.0	16.7	20.0	18.4
5/16/2004	60.1	73.9	65.5	54.0	63.0	58.3	15.6	23.3	18.6	12.2	17.2	14.6
5/17/2004	53.1	79.0	62.6	53.1	64.4	57.4	11.7	26.1	17.0	11.7	18.0	14.1
5/18/2004	62.6	80.1	70.5	62.1	66.2	64.2	17.0	26.7	21.4	16.7	19.0	17.9
5/19/2004	60.8	73.9	65.7	55.9	66.9	62.8	16.0	23.3	18.7	13.3	19.4	17.1
5/20/2004	53.6	68.0	59.9	53.6	63.0	57.7	12.0	20.0	15.5	12.0	17.2	14.3
5/21/2004	64.0	81.0	67.6	62.1	69.8	64.8	17.8	27.2	19.8	16.7	21.0	18.2
5/22/2004	62.6	84.0	69.6	62.1	70.0	66.4	17.0	28.9	20.9	16.7	21.1	19.1
5/23/2004	62.6	87.1	71.8	62.6	69.1	65.1	17.0	30.6	22.1	17.0	20.6	18.4
5/24/2004	64.4	86.0	72.3	60.1	69.1	64.4	18.0	30.0	22.4	15.6	20.6	18.0
5/25/2004	55.9	79.0	67.3	52.0	63.0	56.5	13.3	26.1	19.6	11.1	17.2	13.6
5/26/2004	64.0	78.1	68.7	62.1	66.2	64.4	17.8	25.6	20.4	16.7	19.0	18.0
5/27/2004	57.2	73.9	64.4	55.0	66.2	60.6	14.0	23.3	18.0	12.8	19.0	15.9
5/28/2004	62.6	78.8	66.9	48.2	64.9	60.6	17.0	26.0	19.4	9.0	18.3	15.9
5/29/2004	46.0	66.9	57.2	34.0	48.0	39.0	7.8	19.4	14.0	1.1	8.9	3.9
5/30/2004	41.0	72.0	55.4	37.9	50.0	43.3	5.0	22.2	13.0	3.3	10.0	6.3
5/31/2004	54.0	66.9	58.1	48.9	57.0	52.7	12.2	19.4	14.5	9.4	13.9	11.5
6/1/2004	57.0	75.2	62.1	48.2	59.0	55.0	13.9	24.0	16.7	9.0	15.0	12.8
6/2/2004	53.1	72.0	61.7	52.0	59.0	54.5	11.7	22.2	16.5	11.1	15.0	12.5
6/3/2004	55.9	75.9	63.5	46.0	57.2	52.5	13.3	24.4	17.5	7.8	14.0	11.4
6/4/2004	46.9	71.1	60.6	41.0	55.4	47.8	8.3	21.7	15.9	5.0	13.0	8.8
6/5/2004	55.0	66.0	57.9	50.0	55.9	53.2	12.8	18.9	14.4	10.0	13.3	11.8
6/6/2004	53.1	66.0	57.9	48.9	55.9	52.7	11.7	18.9	14.4	9.4	13.3	11.5
6/7/2004	55.0	80.1	63.3	53.1	64.9	57.6	12.8	26.7	17.4	11.7	18.3	14.2

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
6/8/2004	57.2	84.9	66.7	57.0	66.0	60.3	14.0	29.4	19.3	13.9	18.9	15.7
6/9/2004	60.8	91.0	72.7	60.1	70.0	64.6	16.0	32.8	22.6	15.6	21.1	18.1
6/10/2004	61.0	84.0	68.0	57.2	70.0	63.0	16.1	28.9	20.0	14.0	21.1	17.2
6/11/2004	57.0	63.0	60.1	46.9	59.0	52.0	13.9	17.2	15.6	8.3	15.0	11.1
6/12/2004	46.4	73.9	56.5	39.9	54.0	47.3	8.0	23.3	13.6	4.4	12.2	8.5
6/13/2004	52.0	69.1	61.5	43.0	51.8	48.6	11.1	20.6	16.4	6.1	11.0	9.2
6/14/2004	64.0	82.0	69.8	52.0	69.1	60.6	17.8	27.8	21.0	11.1	20.6	15.9
6/15/2004	64.4	87.1	70.5	61.0	71.1	65.5	18.0	30.6	21.4	16.1	21.7	18.6
6/16/2004	62.6	84.9	69.8	61.0	71.6	64.8	17.0	29.4	21.0	16.1	22.0	18.2
6/17/2004	69.8	82.9	73.6	66.2	75.0	69.8	21.0	28.3	23.1	19.0	23.9	21.0
6/18/2004	69.1	84.9	73.4	68.0	72.0	69.3	20.6	29.4	23.0	20.0	22.2	20.7
6/19/2004	64.0	77.0	70.5	39.0	72.0	59.7	17.8	25.0	21.4	3.9	22.2	15.4
6/20/2004	48.9	72.0	60.3	41.0	48.2	44.1	9.4	22.2	15.7	5.0	9.0	6.7
6/21/2004	46.9	78.1	62.1	46.0	52.0	49.5	8.3	25.6	16.7	7.8	11.1	9.7
6/22/2004	64.4	82.0	69.8	52.0	70.0	63.7	18.0	27.8	21.0	11.1	21.1	17.6
6/23/2004	60.1	81.0	70.9	55.0	66.0	58.6	15.6	27.2	21.6	12.8	18.9	14.8
6/24/2004	54.0	82.9	66.4	53.6	61.0	57.7	12.2	28.3	19.1	12.0	16.1	14.3
6/25/2004	62.6	79.0	68.2	54.0	64.9	60.1	17.0	26.1	20.1	12.2	18.3	15.6
6/26/2004	61.0	75.0	66.4	48.2	64.9	57.9	16.1	23.9	19.1	9.0	18.3	14.4
6/27/2004	46.9	75.0	62.2	46.0	53.6	49.3	8.3	23.9	16.8	7.8	12.0	9.6
6/28/2004	52.0	71.1	60.8	51.1	63.0	56.5	11.1	21.7	16.0	10.6	17.2	13.6
6/29/2004	55.4	75.9	63.9	54.0	63.0	56.5	13.0	24.4	17.7	12.2	17.2	13.6
6/30/2004	55.9	81.0	66.9	55.0	64.4	57.7	13.3	27.2	19.4	12.8	18.0	14.3
7/1/2004	55.9	82.0	68.4	55.9	71.1	61.9	13.3	27.8	20.2	13.3	21.7	16.6
7/2/2004	57.9	84.9	71.8	57.9	66.0	61.9	14.4	29.4	22.1	14.4	18.9	16.6
7/3/2004	55.0	82.0	69.8	54.0	64.9	58.3	12.8	27.8	21.0	12.2	18.3	14.6
7/4/2004	64.0	79.0	72.1	62.1	71.6	65.7	17.8	26.1	22.3	16.7	22.0	18.7
7/5/2004	70.0	87.1	75.9	66.2	73.4	70.0	21.1	30.6	24.4	19.0	23.0	21.1
7/6/2004	64.0	82.0	72.5	55.4	69.1	60.1	17.8	27.8	22.5	13.0	20.6	15.6
7/7/2004	63.0	84.0	72.1	62.1	73.0	66.4	17.2	28.9	22.3	16.7	22.8	19.1
7/8/2004	66.2	82.0	70.5	59.0	72.0	66.7	19.0	27.8	21.4	15.0	22.2	19.3
7/9/2004	63.0	77.0	70.0	57.0	62.1	58.1	17.2	25.0	21.1	13.9	16.7	14.5
7/10/2004	55.4	81.0	66.7	55.4	66.2	59.2	13.0	27.2	19.3	13.0	19.0	15.1
7/11/2004	62.1	84.9	72.1	61.0	66.9	64.0	16.7	29.4	22.3	16.1	19.4	17.8
7/12/2004	68.0	80.1	70.2	66.0	70.0	67.8	20.0	26.7	21.2	18.9	21.1	19.9
7/13/2004	66.0	79.0	69.8	64.0	68.0	65.8	18.9	26.1	21.0	17.8	20.0	18.8
7/14/2004	66.2	75.9	70.0	64.4	69.8	67.5	19.0	24.4	21.1	18.0	21.0	19.7
7/15/2004	60.1	73.9	66.4	57.0	68.0	61.9	15.6	23.3	19.1	13.9	20.0	16.6
7/16/2004	62.6	80.1	68.0	57.0	66.9	61.7	17.0	26.7	20.0	13.9	19.4	16.5
7/17/2004	60.1	81.0	68.9	60.1	66.9	62.6	15.6	27.2	20.5	15.6	19.4	17.0
7/18/2004	64.9	75.0	68.4	63.0	66.9	64.6	18.3	23.9	20.2	17.2	19.4	18.1
7/19/2004	62.1	80.1	68.5	61.0	64.4	62.8	16.7	26.7	20.3	16.1	18.0	17.1
7/20/2004	62.6	82.0	69.8	60.1	64.4	62.8	17.0	27.8	21.0	15.6	18.0	17.1
7/21/2004	60.8	84.9	69.8	60.8	70.0	63.9	16.0	29.4	21.0	16.0	21.1	17.7
7/22/2004	66.0	87.1	75.2	66.0	71.6	68.7	18.9	30.6	24.0	18.9	22.0	20.4

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
7/23/2004	69.8	80.1	73.4	68.0	73.4	70.3	21.0	26.7	23.0	20.0	23.0	21.3
7/24/2004	60.1	75.9	67.8	45.0	68.0	56.7	15.6	24.4	19.9	7.2	20.0	13.7
7/25/2004	57.0	78.1	66.0	52.0	64.4	57.2	13.9	25.6	18.9	11.1	18.0	14.0
7/26/2004	64.0	72.0	67.5	60.1	66.2	63.7	17.8	22.2	19.7	15.6	19.0	17.6
7/27/2004	60.8	69.8	64.8	59.0	68.0	62.6	16.0	21.0	18.2	15.0	20.0	17.0
7/28/2004	66.2	78.8	69.6	62.1	66.9	66.0	19.0	26.0	20.9	16.7	19.4	18.9
7/29/2004	57.2	79.0	64.2	57.2	66.2	60.4	14.0	26.1	17.9	14.0	19.0	15.8
7/30/2004	62.6	82.0	70.0	60.8	71.6	65.1	17.0	27.8	21.1	16.0	22.0	18.4
7/31/2004	70.0	81.0	74.3	66.2	72.0	70.3	21.1	27.2	23.5	19.0	22.2	21.3
8/1/2004	69.1	84.9	74.5	68.0	71.6	69.3	20.6	29.4	23.6	20.0	22.0	20.7
8/2/2004	66.2	86.0	71.8	64.0	69.8	66.6	19.0	30.0	22.1	17.8	21.0	19.2
8/3/2004	64.4	89.1	72.7	60.8	69.8	65.5	18.0	31.7	22.6	16.0	21.0	18.6
8/4/2004	66.0	82.4	72.0	61.0	69.1	66.0	18.9	28.0	22.2	16.1	20.6	18.9
8/5/2004	63.0	75.0	68.0	51.8	68.0	60.4	17.2	23.9	20.0	11.0	20.0	15.8
8/6/2004	51.1	66.9	58.6	46.0	55.4	49.5	10.6	19.4	14.8	7.8	13.0	9.7
8/7/2004	53.1	66.0	59.2	46.0	55.9	50.7	11.7	18.9	15.1	7.8	13.3	10.4
8/8/2004	53.1	77.0	64.0	51.1	61.0	53.4	11.7	25.0	17.8	10.6	16.1	11.9
8/9/2004	53.6	81.0	65.5	48.0	60.8	55.2	12.0	27.2	18.6	8.9	16.0	12.9
8/10/2004	59.0	82.4	68.7	57.2	69.8	62.4	15.0	28.0	20.4	14.0	21.0	16.9
8/11/2004	64.4	82.4	69.3	57.9	66.9	64.6	18.0	28.0	20.7	14.4	19.4	18.1
8/12/2004	62.6	75.0	66.4	57.9	64.9	62.6	17.0	23.9	19.1	14.4	18.3	17.0
8/13/2004	62.1	77.0	65.7	60.8	64.4	62.2	16.7	25.0	18.7	16.0	18.0	16.8
8/14/2004	60.1	73.9	66.9	51.8	60.8	57.4	15.6	23.3	19.4	11.0	16.0	14.1
8/15/2004	60.1	79.0	67.3	57.0	61.0	59.0	15.6	26.1	19.6	13.9	16.1	15.0
8/16/2004	59.0	77.0	66.4	57.2	63.0	60.3	15.0	25.0	19.1	14.0	17.2	15.7
8/17/2004	57.2	77.0	63.7	55.4	63.0	57.9	14.0	25.0	17.6	13.0	17.2	14.4
8/18/2004	59.0	80.1	66.7	57.9	64.4	60.8	15.0	26.7	19.3	14.4	18.0	16.0
8/19/2004	64.0	77.0	69.8	61.0	68.0	64.4	17.8	25.0	21.0	16.1	20.0	18.0
8/20/2004	66.0	82.9	70.2	64.4	69.8	66.6	18.9	28.3	21.2	18.0	21.0	19.2
8/21/2004	64.4	71.1	68.5	57.0	68.0	64.8	18.0	21.7	20.3	13.9	20.0	18.2
8/22/2004	51.8	73.0	59.7	48.2	61.0	53.1	11.0	22.8	15.4	9.0	16.1	11.7
8/23/2004	53.1	82.0	60.4	51.8	66.0	55.8	11.7	27.8	15.8	11.0	18.9	13.2
8/24/2004	60.8	80.1	68.9	60.8	68.0	63.7	16.0	26.7	20.5	16.0	20.0	17.6
8/25/2004	68.0	77.0	71.2	61.0	68.0	64.6	20.0	25.0	21.8	16.1	20.0	18.1
8/26/2004	64.9	78.1	70.9	57.0	64.9	61.7	18.3	25.6	21.6	13.9	18.3	16.5
8/27/2004	71.1	82.9	75.4	64.0	70.0	67.3	21.7	28.3	24.1	17.8	21.1	19.6
8/28/2004	66.2	84.0	72.9	66.0	72.0	68.5	19.0	28.9	22.7	18.9	22.2	20.3
8/29/2004	68.0	86.0	74.8	66.2	72.0	69.6	20.0	30.0	23.8	19.0	22.2	20.9
8/30/2004	72.0	84.0	77.0	66.0	70.0	68.5	22.2	28.9	25.0	18.9	21.1	20.3
8/31/2004	68.0	80.1	72.7	55.0	69.8	61.7	20.0	26.7	22.6	12.8	21.0	16.5
9/1/2004	57.0	79.0	65.3	55.0	60.1	57.2	13.9	26.1	18.5	12.8	15.6	14.0
9/2/2004	53.6	77.0	63.1	50.0	59.0	54.9	12.0	25.0	17.3	10.0	15.0	12.7
9/3/2004	55.4	79.0	64.4	55.0	62.6	58.1	13.0	26.1	18.0	12.8	17.0	14.5
9/4/2004	59.0	82.9	66.6	57.2	66.2	61.0	15.0	28.3	19.2	14.0	19.0	16.1
9/5/2004	62.1	75.9	66.6	60.8	66.0	62.8	16.7	24.4	19.2	16.0	18.9	17.1

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
9/6/2004	60.1	75.0	66.0	53.1	61.0	56.1	15.6	23.9	18.9	11.7	16.1	13.4
9/7/2004	66.2	77.0	70.3	60.1	68.0	62.2	19.0	25.0	21.3	15.6	20.0	16.8
9/8/2004	66.2	73.0	69.4	64.4	69.8	66.9	19.0	22.8	20.8	18.0	21.0	19.4
9/9/2004	66.2	75.9	71.6	60.8	71.6	68.4	19.0	24.4	22.0	16.0	22.0	20.2
9/10/2004	60.1	78.1	67.5	55.0	62.1	59.2	15.6	25.6	19.7	12.8	16.7	15.1
9/11/2004	55.4	77.0	61.9	53.6	63.0	56.5	13.0	25.0	16.6	12.0	17.2	13.6
9/12/2004	57.0	75.9	66.0	55.0	63.0	59.7	13.9	24.4	18.9	12.8	17.2	15.4
9/13/2004	60.1	82.9	66.0	57.9	64.0	61.0	15.6	28.3	18.9	14.4	17.8	16.1
9/14/2004	55.9	73.4	64.8	55.0	63.0	59.4	13.3	23.0	18.2	12.8	17.2	15.2
9/15/2004	61.0	70.0	65.8	55.0	62.6	58.8	16.1	21.1	18.8	12.8	17.0	14.9
9/16/2004	63.0	73.9	67.5	60.1	64.4	62.4	17.2	23.3	19.7	15.6	18.0	16.9
9/17/2004	60.8	70.0	64.9	57.9	66.9	63.1	16.0	21.1	18.3	14.4	19.4	17.3
9/18/2004	57.0	69.1	61.3	41.0	59.0	53.2	13.9	20.6	16.3	5.0	15.0	11.8
9/19/2004	48.0	68.0	56.5	36.0	43.0	40.5	8.9	20.0	13.6	2.2	6.1	4.7
9/20/2004	42.1	70.0	53.2	39.9	55.0	43.5	5.6	21.1	11.8	4.4	12.8	6.4
9/21/2004	50.0	78.1	56.7	48.0	63.0	50.9	10.0	25.6	13.7	8.9	17.2	10.5
9/22/2004	51.1	82.0	59.2	48.2	62.1	53.1	10.6	27.8	15.1	9.0	16.7	11.7
9/23/2004	53.1	82.9	65.1	52.0	66.0	57.0	11.7	28.3	18.4	11.1	18.9	13.9
9/24/2004	59.0	80.1	64.6	57.2	64.9	61.5	15.0	26.7	18.1	14.0	18.3	16.4
9/25/2004	57.9	77.0	64.8	57.2	66.2	60.4	14.4	25.0	18.2	14.0	19.0	15.8
9/26/2004	55.9	73.0	65.5	51.1	66.0	56.3	13.3	22.8	18.6	10.6	18.9	13.5
9/27/2004	51.1	71.1	55.9	50.0	61.0	53.1	10.6	21.7	13.3	10.0	16.1	11.7
9/28/2004	62.6	69.1	63.9	60.1	63.0	62.1	17.0	20.6	17.7	15.6	17.2	16.7
9/29/2004	59.0	70.0	63.5	51.8	61.0	55.2	15.0	21.1	17.5	11.0	16.1	12.9
9/30/2004	55.4	66.9	59.7	45.0	57.2	53.8	13.0	19.4	15.4	7.2	14.0	12.1
10/1/2004	46.0	69.1	52.7	46.0	53.6	48.6	7.8	20.6	11.5	7.8	12.0	9.2
10/2/2004	55.0	69.1	63.7	51.1	63.0	58.8	12.8	20.6	17.6	10.6	17.2	14.9
10/3/2004	44.1	64.4	53.1	33.1	62.1	45.1	6.7	18.0	11.7	0.6	16.7	7.3
10/4/2004	42.8	70.0	48.7	42.1	51.1	44.6	6.0	21.1	9.3	5.6	10.6	7.0
10/5/2004	39.0	59.0	49.8	30.2	44.1	37.4	3.9	15.0	9.9	-1.0	6.7	3.0
10/6/2004	35.1	64.9	44.6	34.0	48.0	38.5	1.7	18.3	7.0	1.1	8.9	3.6
10/7/2004	41.0	73.9	52.9	39.0	55.9	44.4	5.0	23.3	11.6	3.9	13.3	6.9
10/8/2004	48.2	73.0	55.4	46.4	55.0	50.2	9.0	22.8	13.0	8.0	12.8	10.1
10/9/2004	51.1	69.1	59.5	48.2	55.4	52.0	10.6	20.6	15.3	9.0	13.0	11.1
10/10/2004	48.0	62.1	53.1	39.9	57.0	48.7	8.9	16.7	11.7	4.4	13.9	9.3
10/11/2004	46.4	57.9	52.2	35.6	41.0	37.8	8.0	14.4	11.2	2.0	5.0	3.2
10/12/2004	39.0	66.0	50.0	32.0	39.2	36.1	3.9	18.9	10.0	0.0	4.0	2.3
10/13/2004	35.6	61.0	46.8	35.1	46.9	39.4	2.0	16.1	8.2	1.7	8.3	4.1
10/14/2004	48.9	54.0	51.1	44.1	50.0	48.2	9.4	12.2	10.6	6.7	10.0	9.0
10/15/2004	50.0	60.8	54.5	46.4	55.9	51.4	10.0	16.0	12.5	8.0	13.3	10.8
10/16/2004	44.6	54.0	49.8	35.6	46.9	42.4	7.0	12.2	9.9	2.0	8.3	5.8
10/17/2004	42.1	48.9	45.3	30.2	37.0	33.1	5.6	9.4	7.4	-1.0	2.8	0.6
10/18/2004	44.1	55.4	48.0	33.1	44.6	37.0	6.7	13.0	8.9	0.6	7.0	2.8
10/19/2004	46.0	50.0	47.3	44.1	46.9	45.3	7.8	10.0	8.5	6.7	8.3	7.4
10/20/2004	46.4	48.2	47.5	44.6	46.4	45.9	8.0	9.0	8.6	7.0	8.0	7.7

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
10/21/2004	Bad or missing data											
10/22/2004	44.6	51.1	48.2	42.8	46.0	43.9	7.0	10.6	9.0	6.0	7.8	6.6
10/23/2004	35.1	55.0	41.9	35.1	43.0	38.7	1.7	12.8	5.5	1.7	6.1	3.7
10/24/2004	41.0	48.9	45.0	37.0	41.0	39.2	5.0	9.4	7.2	2.8	5.0	4.0
10/25/2004	46.0	61.0	49.6	41.0	48.9	44.6	7.8	16.1	9.8	5.0	9.4	7.0
10/26/2004	48.2	57.9	53.2	42.1	48.9	46.8	9.0	14.4	11.8	5.6	9.4	8.2
10/27/2004	42.1	62.1	48.2	39.9	46.0	43.2	5.6	16.7	9.0	4.4	7.8	6.2
10/28/2004	46.0	60.1	53.8	37.9	45.0	40.8	7.8	15.6	12.1	3.3	7.2	4.9
10/29/2004	39.2	55.4	47.5	37.0	50.0	42.6	4.0	13.0	8.6	2.8	10.0	5.9
10/30/2004	53.1	64.4	56.7	50.0	59.0	53.8	11.7	18.0	13.7	10.0	15.0	12.1
10/31/2004	57.0	66.9	63.1	39.0	59.0	48.9	13.9	19.4	17.3	3.9	15.0	9.4
11/1/2004	46.9	57.9	51.8	37.9	42.8	40.3	8.3	14.4	11.0	3.3	6.0	4.6
11/2/2004	46.9	64.0	53.6	37.4	53.6	41.9	8.3	17.8	12.0	3.0	12.0	5.5
11/3/2004	44.6	59.0	52.7	26.1	55.9	43.3	7.0	15.0	11.5	-3.3	13.3	6.3
11/4/2004	32.0	44.6	37.8	28.9	41.0	33.1	0.0	7.0	3.2	-1.7	5.0	0.6
11/5/2004	42.1	51.8	45.9	21.9	43.0	34.0	5.6	11.0	7.7	-5.6	6.1	1.1
11/6/2004	30.0	60.8	44.4	23.0	35.1	29.8	-1.1	16.0	6.9	-5.0	1.7	-1.2
11/7/2004	33.8	69.1	47.7	32.0	44.6	37.2	1.0	20.6	8.7	0.0	7.0	2.9
11/8/2004	37.0	62.1	44.8	12.9	42.1	25.2	2.8	16.7	7.1	-10.6	5.6	-3.8
11/9/2004	28.0	41.0	34.5	15.1	30.9	23.0	-2.2	5.0	1.4	-9.4	-0.6	-5.0
11/10/2004	23.0	45.0	32.7	19.0	26.1	21.2	-5.0	7.2	0.4	-7.2	-3.3	-6.0
11/11/2004	37.4	54.0	44.4	27.0	39.9	32.2	3.0	12.2	6.9	-2.8	4.4	0.1
11/12/2004	35.6	44.1	37.2	30.0	35.1	33.3	2.0	6.7	2.9	-1.1	1.7	0.7
11/13/2004	30.2	41.0	36.1	12.9	32.0	23.0	-1.0	5.0	2.3	-10.6	0.0	-5.0
11/14/2004	26.1	46.9	34.2	14.0	26.6	20.8	-3.3	8.3	1.2	-10.0	-3.0	-6.2
11/15/2004	24.8	54.0	36.0	21.2	34.0	25.9	-4.0	12.2	2.2	-6.0	1.1	-3.4
11/16/2004	30.2	57.0	41.4	24.1	33.1	28.4	-1.0	13.9	5.2	-4.4	0.6	-2.0
11/17/2004	35.1	54.0	43.9	28.9	43.0	34.7	1.7	12.2	6.6	-1.7	6.1	1.5
11/18/2004	44.6	52.0	47.5	42.1	48.9	45.7	7.0	11.1	8.6	5.6	9.4	7.6
11/19/2004	44.1	57.9	48.2	44.1	48.9	46.2	6.7	14.4	9.0	6.7	9.4	7.9
11/20/2004	46.0	51.1	47.7	42.1	46.4	44.8	7.8	10.6	8.7	5.6	8.0	7.1
11/21/2004	48.0	55.9	50.2	41.0	50.0	46.9	8.9	13.3	10.1	5.0	10.0	8.3
11/22/2004	36.0	48.9	41.7	35.1	41.0	36.7	2.2	9.4	5.4	1.7	5.0	2.6
11/23/2004	32.0	46.9	37.6	30.2	42.8	34.9	0.0	8.3	3.1	-1.0	6.0	1.6
11/24/2004	45.0	55.9	50.2	41.0	53.6	48.2	7.2	13.3	10.1	5.0	12.0	9.0
11/25/2004	35.6	63.0	54.1	19.4	57.9	48.0	2.0	17.2	12.3	-7.0	14.4	8.9
11/26/2004	30.2	42.1	35.2	15.1	24.8	20.3	-1.0	5.6	1.8	-9.4	-4.0	-6.5
11/27/2004	39.0	48.9	43.2	17.6	35.6	24.1	3.9	9.4	6.2	-8.0	2.0	-4.4
11/28/2004	44.1	54.0	50.4	30.0	50.0	43.9	6.7	12.2	10.2	-1.1	10.0	6.6
11/29/2004	35.1	44.1	39.2	23.0	30.0	25.7	1.7	6.7	4.0	-5.0	-1.1	-3.5
11/30/2004	34.0	46.9	39.0	28.0	32.0	30.0	1.1	8.3	3.9	-2.2	0.0	-1.1
12/1/2004	41.0	48.9	44.8	26.1	44.1	36.9	5.0	9.4	7.1	-3.3	6.7	2.7
12/2/2004	33.8	42.1	37.8	24.1	28.9	26.2	1.0	5.6	3.2	-4.4	-1.7	-3.2
12/3/2004	26.1	44.6	31.8	14.0	30.0	24.6	-3.3	7.0	-0.1	-10.0	-1.1	-4.1
12/4/2004	21.0	43.0	30.7	15.1	24.8	20.1	-6.1	6.1	-0.7	-9.4	-4.0	-6.6

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
12/5/2004	35.1	52.0	42.1	24.1	34.0	28.6	1.7	11.1	5.6	-4.4	1.1	-1.9
12/6/2004	28.9	37.4	33.8	21.2	37.4	29.7	-1.7	3.0	1.0	-6.0	3.0	-1.3
12/7/2004	37.9	44.6	41.2	37.0	42.8	39.0	3.3	7.0	5.1	2.8	6.0	3.9
12/8/2004	42.8	54.0	46.2	30.9	44.6	40.8	6.0	12.2	7.9	-0.6	7.0	4.9
12/9/2004	30.2	43.0	37.0	28.4	37.4	32.0	-1.0	6.1	2.8	-2.0	3.0	0.0
12/10/2004	39.2	45.0	42.4	37.4	42.8	40.6	4.0	7.2	5.8	3.0	6.0	4.8
12/11/2004	41.0	45.0	42.8	32.0	42.8	39.9	5.0	7.2	6.0	0.0	6.0	4.4
12/12/2004	35.1	41.0	37.6	26.1	32.0	29.3	1.7	5.0	3.1	-3.3	0.0	-1.5
12/13/2004	33.8	39.2	36.5	21.0	33.1	27.7	1.0	4.0	2.5	-6.1	0.6	-2.4
12/14/2004	24.8	33.8	30.6	10.0	28.0	19.0	-4.0	1.0	-0.8	-12.2	-2.2	-7.2
12/15/2004	19.4	34.0	25.9	5.0	19.0	13.3	-7.0	1.1	-3.4	-15.0	-7.2	-10.4
12/16/2004	17.1	37.0	26.6	12.9	19.9	16.0	-8.3	2.8	-3.0	-10.6	-6.7	-8.9
12/17/2004	26.6	37.4	35.1	14.0	27.0	19.2	-3.0	3.0	1.7	-10.0	-2.8	-7.1
12/18/2004	19.0	35.1	25.7	14.0	21.2	17.4	-7.2	1.7	-3.5	-10.0	-6.0	-8.1
12/19/2004	19.4	37.0	29.1	9.0	28.9	22.6	-7.0	2.8	-1.6	-12.8	-1.7	-5.2
12/20/2004	0.0	19.4	9.7	-13.0	12.2	-5.8	-17.8	-7.0	-12.4	-25.0	-11.0	-21.0
12/21/2004	9.0	32.0	18.7	-8.0	10.4	1.4	-12.8	0.0	-7.4	-22.2	-12.0	-17.0
12/22/2004	23.0	44.1	30.7	10.9	28.4	18.7	-5.0	6.7	-0.7	-11.7	-2.0	-7.4
12/23/2004	34.0	55.4	47.7	24.8	52.0	41.2	1.1	13.0	8.7	-4.0	11.1	5.1
12/24/2004	23.0	36.0	27.9	8.1	24.1	12.9	-5.0	2.2	-2.3	-13.3	-4.4	-10.6
12/25/2004	14.0	24.1	19.0	3.0	14.0	6.6	-10.0	-4.4	-7.2	-16.1	-10.0	-14.1
12/26/2004	12.2	27.0	18.1	8.1	12.9	10.0	-11.0	-2.8	-7.7	-13.3	-10.6	-12.2
12/27/2004	16.0	28.0	21.2	-7.1	15.1	3.7	-8.9	-2.2	-6.0	-21.7	-9.4	-15.7
12/28/2004	8.6	28.4	16.2	-4.0	10.4	5.2	-13.0	-2.0	-8.8	-20.0	-12.0	-14.9
12/29/2004	26.1	36.0	30.7	10.9	24.8	17.1	-3.3	2.2	-0.7	-11.7	-4.0	-8.3
12/30/2004	32.0	42.8	36.0	24.1	32.0	28.9	0.0	6.0	2.2	-4.4	0.0	-1.7
12/31/2004	41.0	48.9	36.0	30.9	39.2	28.9	5.0	9.4	2.2	-0.6	4.0	-1.7
1/1/2005	36.0	57.2	45.0	25.0	41.0	34.5	2.2	14.0	7.2	-3.9	5.0	1.4
1/2/2005	28.0	41.0	35.8	24.1	33.8	27.1	-2.2	5.0	2.1	-4.4	1.0	-2.7
1/3/2005	37.4	42.8	39.6	33.1	41.0	38.1	3.0	6.0	4.2	0.6	5.0	3.4
1/4/2005	39.2	46.0	42.3	37.0	42.8	39.7	4.0	7.8	5.7	2.8	6.0	4.3
1/5/2005	30.2	44.1	34.3	26.6	37.0	31.6	-1.0	6.7	1.3	-3.0	2.8	-0.2
1/6/2005	28.4	36.0	31.6	26.6	33.8	29.8	-2.0	2.2	-0.2	-3.0	1.0	-1.2
1/7/2005	28.4	39.0	33.8	18.0	33.8	24.3	-2.0	3.9	1.0	-7.8	1.0	-4.3
1/8/2005	28.9	37.9	34.2	23.0	34.0	30.2	-1.7	3.3	1.2	-5.0	1.1	-1.0
1/9/2005	32.0	37.0	33.4	24.1	28.9	26.4	0.0	2.8	0.8	-4.4	-1.7	-3.1
1/10/2005	34.0	41.0	36.7	26.6	33.8	29.8	1.1	5.0	2.6	-3.0	1.0	-1.2
1/11/2005	28.0	35.1	31.5	26.1	30.9	28.8	-2.2	1.7	-0.3	-3.3	-0.6	-1.8
1/12/2005	33.1	39.2	36.7	30.9	37.4	34.7	0.6	4.0	2.6	-0.6	3.0	1.5
1/13/2005	39.0	62.6	45.0	37.0	55.4	43.0	3.9	17.0	7.2	2.8	13.0	6.1
1/14/2005	33.8	64.4	47.8	17.1	55.9	41.5	1.0	18.0	8.8	-8.3	13.3	5.3
1/15/2005	19.4	33.1	25.5	5.0	19.0	11.3	-7.0	0.6	-3.6	-15.0	-7.2	-11.5
1/16/2005	21.0	28.4	25.2	14.0	24.8	19.8	-6.1	-2.0	-3.8	-10.0	-4.0	-6.8
1/17/2005	15.1	26.6	21.0	1.0	24.8	13.5	-9.4	-3.0	-6.1	-17.2	-4.0	-10.3
1/18/2005	6.1	15.1	10.0	-11.0	3.0	-6.0	-14.4	-9.4	-12.2	-23.9	-16.1	-21.1

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
1/19/2005	6.1	19.4	14.4	-9.0	14.0	5.4	-14.4	-7.0	-9.8	-22.8	-10.0	-14.8
1/20/2005	12.2	27.0	19.8	1.0	16.0	12.6	-11.0	-2.8	-6.8	-17.2	-8.9	-10.8
1/21/2005	5.0	21.0	11.8	-9.0	3.9	-3.3	-15.0	-6.1	-11.2	-22.8	-15.6	-19.6
1/22/2005	1.0	17.6	8.2	-8.0	14.0	0.7	-17.2	-8.0	-13.2	-22.2	-10.0	-17.4
1/23/2005	10.0	17.6	14.0	-7.6	15.8	5.9	-12.2	-8.0	-10.0	-22.0	-9.0	-14.5
1/24/2005	-2.0	17.6	9.7	-8.0	12.2	2.3	-18.9	-8.0	-12.4	-22.2	-11.0	-16.5
1/25/2005	17.1	30.9	24.3	10.0	21.0	16.3	-8.3	-0.6	-4.3	-12.2	-6.1	-8.7
1/26/2005	19.4	32.0	29.5	8.6	24.8	20.8	-7.0	0.0	-1.4	-13.0	-4.0	-6.2
1/27/2005	6.8	19.9	12.6	-6.0	8.1	-1.8	-14.0	-6.7	-10.8	-21.1	-13.3	-18.8
1/28/2005	-4.0	23.0	6.6	-9.0	5.0	-2.9	-20.0	-5.0	-14.1	-22.8	-15.0	-19.4
1/29/2005	1.0	27.0	11.1	-2.9	8.6	1.8	-17.2	-2.8	-11.6	-19.4	-13.0	-16.8
1/30/2005	24.1	39.0	28.9	7.0	19.9	14.9	-4.4	3.9	-1.7	-13.9	-6.7	-9.5
1/31/2005	12.2	34.0	23.5	10.0	17.1	14.2	-11.0	1.1	-4.7	-12.2	-8.3	-9.9
2/1/2005	10.0	36.0	20.7	6.1	19.9	12.6	-12.2	2.2	-6.3	-14.4	-6.7	-10.8
2/2/2005	10.0	37.9	21.2	6.8	19.0	13.5	-12.2	3.3	-6.0	-14.0	-7.2	-10.3
2/3/2005	21.0	36.0	27.9	14.0	27.0	17.4	-6.1	2.2	-2.3	-10.0	-2.8	-8.1
2/4/2005	28.0	46.9	35.1	17.1	27.0	24.4	-2.2	8.3	1.7	-8.3	-2.8	-4.2
2/5/2005	23.0	48.9	32.5	19.4	28.9	22.6	-5.0	9.4	0.3	-7.0	-1.7	-5.2
2/6/2005	21.0	50.0	32.9	19.0	28.0	24.1	-6.1	10.0	0.5	-7.2	-2.2	-4.4
2/7/2005	24.8	50.0	36.1	23.0	28.9	25.7	-4.0	10.0	2.3	-5.0	-1.7	-3.5
2/8/2005	33.8	43.0	38.1	26.1	37.0	31.5	1.0	6.1	3.4	-3.3	2.8	-0.3
2/9/2005	35.6	42.8	39.0	35.1	41.0	37.4	2.0	6.0	3.9	1.7	5.0	3.0
2/10/2005	30.2	41.0	37.0	17.6	39.9	32.7	-1.0	5.0	2.8	-8.0	4.4	0.4
2/11/2005	23.0	39.9	30.4	5.0	18.0	10.9	-5.0	4.4	-0.9	-15.0	-7.8	-11.7
2/12/2005	28.0	37.9	32.4	12.9	28.4	22.3	-2.2	3.3	0.2	-10.6	-2.0	-5.4
2/13/2005	26.6	39.0	32.5	7.0	24.1	14.7	-3.0	3.9	0.3	-13.9	-4.4	-9.6
2/14/2005	30.9	39.2	33.8	10.9	37.4	23.7	-0.6	4.0	1.0	-11.7	3.0	-4.6
2/15/2005	39.0	53.1	43.3	33.8	41.0	37.2	3.9	11.7	6.3	1.0	5.0	2.9
2/16/2005	34.0	50.0	40.6	21.9	37.9	34.0	1.1	10.0	4.8	-5.6	3.3	1.1
2/17/2005	26.1	37.0	30.6	14.0	28.4	21.7	-3.3	2.8	-0.8	-10.0	-2.0	-5.7
2/18/2005	19.4	28.0	23.4	1.9	21.0	8.2	-7.0	-2.2	-4.8	-16.7	-6.1	-13.2
2/19/2005	15.8	30.9	21.7	1.9	14.0	7.2	-9.0	-0.6	-5.7	-16.7	-10.0	-13.8
2/20/2005	24.8	33.8	29.7	12.0	26.6	17.8	-4.0	1.0	-1.3	-11.1	-3.0	-7.9
2/21/2005	30.0	34.0	30.9	26.1	32.0	28.2	-1.1	1.1	-0.6	-3.3	0.0	-2.1
2/22/2005	32.0	37.9	34.7	24.8	32.0	29.7	0.0	3.3	1.5	-4.0	0.0	-1.3
2/23/2005	28.4	37.0	32.7	12.9	32.0	24.8	-2.0	2.8	0.4	-10.6	0.0	-4.0
2/24/2005	21.2	30.9	25.0	12.0	21.9	16.7	-6.0	-0.6	-3.9	-11.1	-5.6	-8.5
2/25/2005	16.0	30.9	21.9	10.9	21.9	17.6	-8.9	-0.6	-5.6	-11.7	-5.6	-8.0
2/26/2005	17.6	37.0	24.4	6.8	28.4	17.6	-8.0	2.8	-4.2	-14.0	-2.0	-8.0
2/27/2005	14.0	33.1	23.9	6.1	12.9	8.1	-10.0	0.6	-4.5	-14.4	-10.6	-13.3
2/28/2005	26.1	30.9	28.8	8.1	28.4	19.4	-3.3	-0.6	-1.8	-13.3	-2.0	-7.0
3/1/2005	26.1	34.0	27.9	21.2	28.4	25.0	-3.3	1.1	-2.3	-6.0	-2.0	-3.9
3/2/2005	24.8	32.0	27.7	12.9	26.6	19.6	-4.0	0.0	-2.4	-10.6	-3.0	-6.9
3/3/2005	15.8	30.9	22.6	5.0	14.0	7.3	-9.0	-0.6	-5.2	-15.0	-10.0	-13.7
3/4/2005	10.0	32.0	22.1	3.9	12.2	8.1	-12.2	0.0	-5.5	-15.6	-11.0	-13.3

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
3/5/2005	8.6	41.0	23.7	6.1	19.4	10.8	-13.0	5.0	-4.6	-14.4	-7.0	-11.8
3/6/2005	15.1	45.0	28.9	10.0	28.9	18.3	-9.4	7.2	-1.7	-12.2	-1.7	-7.6
3/7/2005	28.0	55.9	39.6	26.6	37.4	29.3	-2.2	13.3	4.2	-3.0	3.0	-1.5
3/8/2005	19.4	46.9	30.7	-2.2	41.0	24.3	-7.0	8.3	-0.7	-19.0	5.0	-4.3
3/9/2005	15.1	26.1	19.4	-4.0	7.0	3.2	-9.4	-3.3	-7.0	-20.0	-13.9	-16.0
3/10/2005	8.6	28.9	20.5	1.9	10.9	6.8	-13.0	-1.7	-6.4	-16.7	-11.7	-14.0
3/11/2005	24.1	37.0	28.8	7.0	33.8	22.6	-4.4	2.8	-1.8	-13.9	1.0	-5.2
3/12/2005	19.9	34.0	30.4	17.1	33.8	25.7	-6.7	1.1	-0.9	-8.3	1.0	-3.5
3/13/2005	17.1	37.0	28.6	15.1	32.0	21.6	-8.3	2.8	-1.9	-9.4	0.0	-5.8
3/14/2005	19.9	36.0	28.6	9.0	19.9	12.7	-6.7	2.2	-1.9	-12.8	-6.7	-10.7
3/15/2005	23.0	41.0	30.6	8.1	15.1	12.0	-5.0	5.0	-0.8	-13.3	-9.4	-11.1
3/16/2005	19.9	43.0	29.8	10.9	19.9	15.6	-6.7	6.1	-1.2	-11.7	-6.7	-9.1
3/17/2005	23.0	48.0	32.5	14.0	24.8	18.7	-5.0	8.9	0.3	-10.0	-4.0	-7.4
3/18/2005	28.0	46.9	37.4	19.0	27.0	23.2	-2.2	8.3	3.0	-7.2	-2.8	-4.9
3/19/2005	25.0	50.0	36.3	19.9	30.2	22.6	-3.9	10.0	2.4	-6.7	-1.0	-5.2
3/20/2005	37.9	42.8	41.2	27.0	41.0	36.0	3.3	6.0	5.1	-2.8	5.0	2.2
3/21/2005	37.4	42.1	39.9	28.0	39.9	32.9	3.0	5.6	4.4	-2.2	4.4	0.5
3/22/2005	27.0	52.0	39.4	24.1	32.0	27.0	-2.8	11.1	4.1	-4.4	0.0	-2.8
3/23/2005	32.0	42.1	35.4	28.0	36.0	32.4	0.0	5.6	1.9	-2.2	2.2	0.2
3/24/2005	32.0	39.9	33.8	28.4	32.0	31.1	0.0	4.4	1.0	-2.0	0.0	-0.5
3/25/2005	35.6	46.0	38.8	28.0	35.1	32.7	2.0	7.8	3.8	-2.2	1.7	0.4
3/26/2005	28.9	43.0	35.8	26.1	33.1	28.8	-1.7	6.1	2.1	-3.3	0.6	-1.8
3/27/2005	37.0	46.4	40.8	32.0	37.4	33.3	2.8	8.0	4.9	0.0	3.0	0.7
3/28/2005	37.0	45.0	40.5	35.6	42.8	38.7	2.8	7.2	4.7	2.0	6.0	3.7
3/29/2005	42.1	55.0	45.7	35.6	43.0	40.1	5.6	12.8	7.6	2.0	6.1	4.5
3/30/2005	30.0	61.0	44.8	28.9	37.0	33.8	-1.1	16.1	7.1	-1.7	2.8	1.0
3/31/2005	41.0	54.0	47.8	33.1	39.9	35.8	5.0	12.2	8.8	0.6	4.4	2.1
4/1/2005	41.0	64.0	50.5	32.0	43.0	38.7	5.0	17.8	10.3	0.0	6.1	3.7
4/2/2005	46.0	57.9	47.8	35.1	46.9	44.4	7.8	14.4	8.8	1.7	8.3	6.9
4/3/2005	34.0	48.0	41.0	30.2	46.4	37.9	1.1	8.9	5.0	-1.0	8.0	3.3
4/4/2005	37.4	57.9	45.7	14.0	30.9	24.8	3.0	14.4	7.6	-10.0	-0.6	-4.0
4/5/2005	33.1	64.9	48.2	16.0	30.0	25.3	0.6	18.3	9.0	-8.9	-1.1	-3.7
4/6/2005	41.0	80.1	57.4	25.0	43.0	35.8	5.0	26.7	14.1	-3.9	6.1	2.1
4/7/2005	48.0	77.0	59.9	42.1	52.0	45.0	8.9	25.0	15.5	5.6	11.1	7.2
4/8/2005	44.1	64.9	54.5	26.1	53.1	36.9	6.7	18.3	12.5	-3.3	11.7	2.7
4/9/2005	35.1	66.0	50.9	14.0	33.1	26.1	1.7	18.9	10.5	-10.0	0.6	-3.3
4/10/2005	34.0	75.0	52.7	17.6	33.1	27.7	1.1	23.9	11.5	-8.0	0.6	-2.4
4/11/2005	46.9	66.0	54.9	3.2	32.0	17.8	8.3	18.9	12.7	-16.0	0.0	-7.9
4/12/2005	30.9	57.2	44.6	3.9	21.9	13.5	-0.6	14.0	7.0	-15.6	-5.6	-10.3
4/13/2005	30.0	60.1	46.0	9.0	26.1	20.7	-1.1	15.6	7.8	-12.8	-3.3	-6.3
4/14/2005	35.1	64.9	50.5	21.0	30.0	25.0	1.7	18.3	10.3	-6.1	-1.1	-3.9
4/15/2005	37.0	62.1	50.2	8.6	30.9	23.0	2.8	16.7	10.1	-13.0	-0.6	-5.0
4/16/2005	32.0	66.0	48.6	9.0	26.1	19.9	0.0	18.9	9.2	-12.8	-3.3	-6.7
4/17/2005	33.1	75.0	52.7	14.0	28.4	23.2	0.6	23.9	11.5	-10.0	-2.0	-4.9
4/18/2005	42.1	75.0	58.8	21.9	42.8	34.0	5.6	23.9	14.9	-5.6	6.0	1.1

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
4/19/2005	43.0	82.9	61.7	33.1	44.6	37.9	6.1	28.3	16.5	0.6	7.0	3.3
4/20/2005	51.1	82.0	68.2	42.1	48.9	46.2	10.6	27.8	20.1	5.6	9.4	7.9
4/21/2005	44.1	73.0	54.7	19.9	55.9	34.2	6.7	22.8	12.6	-6.7	13.3	1.2
4/22/2005	34.0	55.9	46.0	21.9	42.8	31.8	1.1	13.3	7.8	-5.6	6.0	-0.1
4/23/2005	44.1	59.0	50.0	41.0	53.6	47.3	6.7	15.0	10.0	5.0	12.0	8.5
4/24/2005	37.0	53.6	43.0	28.0	51.8	35.4	2.8	12.0	6.1	-2.2	11.0	1.9
4/25/2005	36.0	48.0	41.0	28.0	33.1	30.7	2.2	8.9	5.0	-2.2	0.6	-0.7
4/26/2005	35.1	69.1	50.2	30.9	37.9	34.2	1.7	20.6	10.1	-0.6	3.3	1.2
4/27/2005	53.1	64.4	58.3	30.0	48.9	41.2	11.7	18.0	14.6	-1.1	9.4	5.1
4/28/2005	46.0	57.9	51.1	26.1	37.9	33.4	7.8	14.4	10.6	-3.3	3.3	0.8
4/29/2005	34.0	55.9	45.3	28.0	39.2	32.4	1.1	13.3	7.4	-2.2	4.0	0.2
4/30/2005	48.0	57.0	52.2	39.0	55.4	48.0	8.9	13.9	11.2	3.9	13.0	8.9
5/1/2005	46.4	57.9	53.1	26.1	54.0	42.4	8.0	14.4	11.7	-3.3	12.2	5.8
5/2/2005	35.6	51.1	43.3	30.0	39.9	34.0	2.0	10.6	6.3	-1.1	4.4	1.1
5/3/2005	30.0	53.1	40.1	26.6	35.1	30.2	-1.1	11.7	4.5	-3.0	1.7	-1.0
5/4/2005	30.9	54.0	43.9	28.9	34.0	31.6	-0.6	12.2	6.6	-1.7	1.1	-0.2
5/5/2005	30.9	63.0	46.9	28.0	34.0	30.9	-0.6	17.2	8.3	-2.2	1.1	-0.6
5/6/2005	39.9	63.0	53.4	26.6	37.0	32.9	4.4	17.2	11.9	-3.0	2.8	0.5
5/7/2005	35.1	69.8	53.8	27.0	34.0	30.9	1.7	21.0	12.1	-2.8	1.1	-0.6
5/8/2005	46.4	70.0	59.7	26.1	33.8	29.8	8.0	21.1	15.4	-3.3	1.0	-1.2
5/9/2005	46.0	81.0	62.6	32.0	37.9	35.2	7.8	27.2	17.0	0.0	3.3	1.8
5/10/2005	51.1	78.1	64.2	36.0	51.8	46.9	10.6	25.6	17.9	2.2	11.0	8.3
5/11/2005	55.9	89.1	71.4	44.1	57.0	51.1	13.3	31.7	21.9	6.7	13.9	10.6
5/12/2005	48.2	78.1	58.8	8.1	54.0	36.5	9.0	25.6	14.9	-13.3	12.2	2.5
5/13/2005	34.0	66.9	49.5	10.9	35.1	26.6	1.1	19.4	9.7	-11.7	1.7	-3.0
5/14/2005	53.1	77.0	63.0	33.1	62.6	48.9	11.7	25.0	17.2	0.6	17.0	9.4
5/15/2005	62.1	73.0	65.7	39.9	64.4	54.7	16.7	22.8	18.7	4.4	18.0	12.6
5/16/2005	44.1	68.0	56.3	32.0	44.1	38.8	6.7	20.0	13.5	0.0	6.7	3.8
5/17/2005	42.1	64.9	54.5	30.0	39.0	34.9	5.6	18.3	12.5	-1.1	3.9	1.6
5/18/2005	39.9	69.1	55.0	26.6	37.4	33.4	4.4	20.6	12.8	-3.0	3.0	0.8
5/19/2005	41.0	70.0	56.3	27.0	42.8	34.7	5.0	21.1	13.5	-2.8	6.0	1.5
5/20/2005	50.0	64.0	55.6	39.0	52.0	46.8	10.0	17.8	13.1	3.9	11.1	8.2
5/21/2005	46.0	71.6	55.4	34.0	48.0	43.2	7.8	22.0	13.0	1.1	8.9	6.2
5/22/2005	51.8	63.0	55.8	39.0	48.0	42.6	11.0	17.2	13.2	3.9	8.9	5.9
5/23/2005	42.1	61.0	51.6	39.0	52.0	42.6	5.6	16.1	10.9	3.9	11.1	5.9
5/24/2005	51.1	59.0	53.2	44.6	51.8	48.6	10.6	15.0	11.8	7.0	11.0	9.2
5/25/2005	50.0	64.0	54.7	42.8	50.0	45.0	10.0	17.8	12.6	6.0	10.0	7.2
5/26/2005	48.0	77.0	62.2	33.8	48.9	44.2	8.9	25.0	16.8	1.0	9.4	6.8
5/27/2005	45.0	80.1	63.7	30.9	53.6	43.3	7.2	26.7	17.6	-0.6	12.0	6.3
5/28/2005	48.2	66.0	55.9	46.4	55.4	51.4	9.0	18.9	13.3	8.0	13.0	10.8
5/29/2005	46.0	66.9	54.5	44.1	52.0	48.7	7.8	19.4	12.5	6.7	11.1	9.3
5/30/2005	44.1	71.6	52.3	42.8	54.0	47.3	6.7	22.0	11.3	6.0	12.2	8.5
5/31/2005	50.0	73.9	57.2	46.0	53.1	50.5	10.0	23.3	14.0	7.8	11.7	10.3
6/1/2005	50.0	79.0	64.6	48.0	55.9	51.4	10.0	26.1	18.1	8.9	13.3	10.8
6/2/2005	55.0	77.0	67.3	46.4	55.9	52.3	12.8	25.0	19.6	8.0	13.3	11.3

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
6/3/2005	60.1	72.0	62.4	46.9	60.8	56.1	15.6	22.2	16.9	8.3	16.0	13.4
6/4/2005	60.8	72.0	63.3	59.0	64.4	60.8	16.0	22.2	17.4	15.0	18.0	16.0
6/5/2005	60.8	86.0	67.6	59.0	66.2	61.9	16.0	30.0	19.8	15.0	19.0	16.6
6/6/2005	62.6	84.0	68.9	62.6	70.0	65.1	17.0	28.9	20.5	17.0	21.1	18.4
6/7/2005	62.6	86.0	67.8	57.9	68.0	63.0	17.0	30.0	19.9	14.4	20.0	17.2
6/8/2005	60.1	90.0	75.0	59.0	66.9	63.1	15.6	32.2	23.9	15.0	19.4	17.3
6/9/2005	64.4	88.0	75.4	61.0	70.0	65.1	18.0	31.1	24.1	16.1	21.1	18.4
6/10/2005	73.0	84.0	77.2	63.0	71.1	68.7	22.8	28.9	25.1	17.2	21.7	20.4
6/11/2005	71.1	86.0	77.4	69.1	73.4	70.7	21.7	30.0	25.2	20.6	23.0	21.5
6/12/2005	71.6	88.0	76.5	64.0	73.0	70.3	22.0	31.1	24.7	17.8	22.8	21.3
6/13/2005	64.4	90.0	75.7	62.6	72.0	67.6	18.0	32.2	24.3	17.0	22.2	19.8
6/14/2005	71.1	91.9	81.7	64.4	72.0	67.8	21.7	33.3	27.6	18.0	22.2	19.9
6/15/2005	69.8	84.9	75.7	57.2	69.1	62.4	21.0	29.4	24.3	14.0	20.6	16.9
6/16/2005	64.4	73.9	67.8	50.0	63.0	60.4	18.0	23.3	19.9	10.0	17.2	15.8
6/17/2005	55.0	69.8	61.7	50.0	55.4	51.3	12.8	21.0	16.5	10.0	13.0	10.7
6/18/2005	55.0	66.9	62.2	51.8	57.2	54.1	12.8	19.4	16.8	11.0	14.0	12.3
6/19/2005	52.0	73.0	61.7	50.0	55.4	52.9	11.1	22.8	16.5	10.0	13.0	11.6
6/20/2005	53.6	78.1	65.1	50.0	57.9	54.1	12.0	25.6	18.4	10.0	14.4	12.3
6/21/2005	53.6	82.9	66.9	48.0	57.2	53.2	12.0	28.3	19.4	8.9	14.0	11.8
6/22/2005	60.8	79.0	69.6	44.6	60.1	57.4	16.0	26.1	20.9	7.0	15.6	14.1
6/23/2005	48.9	80.1	64.9	44.1	48.9	46.0	9.4	26.7	18.3	6.7	9.4	7.8
6/24/2005	52.0	89.1	69.6	48.9	60.1	53.2	11.1	31.7	20.9	9.4	15.6	11.8
6/25/2005	57.2	91.9	74.3	53.6	63.0	58.1	14.0	33.3	23.5	12.0	17.2	14.5
6/26/2005	66.2	93.9	78.6	61.0	69.8	65.1	19.0	34.4	25.9	16.1	21.0	18.4
6/27/2005	69.1	91.0	78.1	59.0	71.1	66.9	20.6	32.8	25.6	15.0	21.7	19.4
6/28/2005	71.1	93.0	80.2	64.0	69.1	66.9	21.7	33.9	26.8	17.8	20.6	19.4
6/29/2005	69.8	89.1	77.4	64.0	70.0	68.0	21.0	31.7	25.2	17.8	21.1	20.0
6/30/2005	68.0	91.0	75.6	57.0	66.9	65.1	20.0	32.8	24.2	13.9	19.4	18.4
7/1/2005	66.9	87.1	76.1	64.0	66.9	64.8	19.4	30.6	24.5	17.8	19.4	18.2
7/2/2005	64.9	82.0	73.0	46.0	66.0	54.3	18.3	27.8	22.8	7.8	18.9	12.4
7/3/2005	51.1	82.9	68.0	46.0	57.2	51.3	10.6	28.3	20.0	7.8	14.0	10.7
7/4/2005	66.9	88.0	76.8	54.0	63.0	57.6	19.4	31.1	24.9	12.2	17.2	14.2
7/5/2005	69.8	84.0	74.7	63.0	73.4	67.6	21.0	28.9	23.7	17.2	23.0	19.8
7/6/2005	66.9	81.0	71.4	62.6	68.0	66.4	19.4	27.2	21.9	17.0	20.0	19.1
7/7/2005	64.4	80.1	72.1	61.0	64.9	62.8	18.0	26.7	22.3	16.1	18.3	17.1
7/8/2005	66.0	73.9	68.9	61.0	66.2	64.2	18.9	23.3	20.5	16.1	19.0	17.9
7/9/2005	60.8	78.8	66.9	57.2	64.4	61.3	16.0	26.0	19.4	14.0	18.0	16.3
7/10/2005	60.1	90.0	72.7	48.9	64.9	58.5	15.6	32.2	22.6	9.4	18.3	14.7
7/11/2005	57.0	91.0	73.6	55.0	69.8	59.7	13.9	32.8	23.1	12.8	21.0	15.4
7/12/2005	66.9	91.0	78.6	63.0	71.6	67.3	19.4	32.8	25.9	17.2	22.0	19.6
7/13/2005	69.1	91.0	77.2	60.1	72.0	68.7	20.6	32.8	25.1	15.6	22.2	20.4
7/14/2005	68.0	86.0	75.0	66.0	70.0	67.6	20.0	30.0	23.9	18.9	21.1	19.8
7/15/2005	71.6	82.0	76.1	69.1	70.0	69.8	22.0	27.8	24.5	20.6	21.1	21.0
7/16/2005	73.0	82.4	76.1	69.8	75.2	71.4	22.8	28.0	24.5	21.0	24.0	21.9
7/17/2005	73.4	84.9	76.6	71.1	75.9	72.3	23.0	29.4	24.8	21.7	24.4	22.4

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
7/18/2005	73.0	90.0	77.5	70.0	73.9	72.3	22.8	32.2	25.3	21.1	23.3	22.4
7/19/2005	71.6	88.0	77.4	69.8	73.4	71.6	22.0	31.1	25.2	21.0	23.0	22.0
7/20/2005	66.0	88.0	76.3	59.0	72.0	65.1	18.9	31.1	24.6	15.0	22.2	18.4
7/21/2005	64.0	84.2	73.0	62.1	69.8	65.1	17.8	29.0	22.8	16.7	21.0	18.4
7/22/2005	68.0	87.1	73.8	64.9	71.1	68.4	20.0	30.6	23.2	18.3	21.7	20.2
7/23/2005	66.0	84.0	73.8	46.9	72.0	60.3	18.9	28.9	23.2	8.3	22.2	15.7
7/24/2005	55.9	84.0	69.1	51.1	62.6	56.8	13.3	28.9	20.6	10.6	17.0	13.8
7/25/2005	68.0	93.0	74.8	61.0	71.1	66.2	20.0	33.9	23.8	16.1	21.7	19.0
7/26/2005	64.0	93.0	77.5	62.1	73.9	67.6	17.8	33.9	25.3	16.7	23.3	19.8
7/27/2005	69.8	89.6	75.2	60.8	73.0	69.3	21.0	32.0	24.0	16.0	22.8	20.7
7/28/2005	59.0	79.0	69.6	54.0	60.1	56.7	15.0	26.1	20.9	12.2	15.6	13.7
7/29/2005	59.0	84.0	69.6	55.9	66.0	58.5	15.0	28.9	20.9	13.3	18.9	14.7
7/30/2005	59.0	84.9	71.8	55.0	64.4	59.4	15.0	29.4	22.1	12.8	18.0	15.2
7/31/2005	62.6	84.2	73.0	60.1	66.9	62.6	17.0	29.0	22.8	15.6	19.4	17.0
8/1/2005	66.0	89.1	72.5	60.1	69.1	64.9	18.9	31.7	22.5	15.6	20.6	18.3
8/2/2005	70.0	90.0	77.9	64.4	73.4	67.8	21.1	32.2	25.5	18.0	23.0	19.9
8/3/2005	68.0	91.9	78.4	64.0	73.9	68.5	20.0	33.3	25.8	17.8	23.3	20.3
8/4/2005	68.0	93.9	79.5	60.8	71.1	66.4	20.0	34.4	26.4	16.0	21.7	19.1
8/5/2005	71.1	86.0	76.3	57.2	71.1	68.2	21.7	30.0	24.6	14.0	21.7	20.1
8/6/2005	57.2	82.9	69.3	55.4	63.0	57.7	14.0	28.3	20.7	13.0	17.2	14.3
8/7/2005	62.6	86.0	72.5	60.1	68.0	63.0	17.0	30.0	22.5	15.6	20.0	17.2
8/8/2005	66.2	82.0	72.7	64.4	70.0	66.9	19.0	27.8	22.6	18.0	21.1	19.4
8/9/2005	68.0	82.9	72.9	63.0	69.8	66.9	20.0	28.3	22.7	17.2	21.0	19.4
8/10/2005	66.0	88.0	74.5	64.0	69.1	65.7	18.9	31.1	23.6	17.8	20.6	18.7
8/11/2005	69.8	88.0	77.2	64.9	71.6	67.5	21.0	31.1	25.1	18.3	22.0	19.7
8/12/2005	68.0	91.9	78.1	64.0	72.0	67.8	20.0	33.3	25.6	17.8	22.2	19.9
8/13/2005	69.1	96.1	79.0	66.0	73.4	69.3	20.6	35.6	26.1	18.9	23.0	20.7
8/14/2005	69.8	93.9	76.8	66.0	73.4	70.5	21.0	34.4	24.9	18.9	23.0	21.4
8/15/2005	68.0	81.0	73.6	60.1	72.0	62.6	20.0	27.2	23.1	15.6	22.2	17.0
8/16/2005	66.0	75.9	70.5	62.1	68.0	65.1	18.9	24.4	21.4	16.7	20.0	18.4
8/17/2005	64.4	84.0	71.1	55.0	66.2	62.6	18.0	28.9	21.7	12.8	19.0	17.0
8/18/2005	57.0	84.9	70.2	55.0	66.0	57.4	13.9	29.4	21.2	12.8	18.9	14.1
8/19/2005	66.0	79.0	70.5	59.0	68.0	64.0	18.9	26.1	21.4	15.0	20.0	17.8
8/20/2005	69.1	84.9	73.9	60.1	71.1	66.2	20.6	29.4	23.3	15.6	21.7	19.0
8/21/2005	73.0	89.1	80.1	51.1	72.0	65.3	22.8	31.7	26.7	10.6	22.2	18.5
8/22/2005	62.1	80.1	70.9	50.0	61.0	56.5	16.7	26.7	21.6	10.0	16.1	13.6
8/23/2005	54.0	73.9	65.5	52.0	55.9	54.1	12.2	23.3	18.6	11.1	13.3	12.3
8/24/2005	54.0	79.0	66.6	48.0	59.0	52.7	12.2	26.1	19.2	8.9	15.0	11.5
8/25/2005	52.0	80.1	65.1	48.9	59.0	52.9	11.1	26.7	18.4	9.4	15.0	11.6
8/26/2005	57.0	77.0	67.1	54.0	59.0	56.7	13.9	25.0	19.5	12.2	15.0	13.7
8/27/2005	57.9	79.0	67.1	52.0	63.0	57.9	14.4	26.1	19.5	11.1	17.2	14.4
8/28/2005	62.6	75.9	67.5	55.0	68.0	63.3	17.0	24.4	19.7	12.8	20.0	17.4
8/29/2005	64.4	78.1	68.7	64.0	71.6	66.0	18.0	25.6	20.4	17.8	22.0	18.9
8/30/2005	69.8	75.9	73.2	68.0	73.9	71.1	21.0	24.4	22.9	20.0	23.3	21.7
8/31/2005	68.0	79.0	74.8	64.4	73.4	70.7	20.0	26.1	23.8	18.0	23.0	21.5

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
9/1/2005	62.6	81.0	69.6	55.9	66.0	61.7	17.0	27.2	20.9	13.3	18.9	16.5
9/2/2005	59.0	84.9	67.3	50.0	63.0	58.1	15.0	29.4	19.6	10.0	17.2	14.5
9/3/2005	55.9	78.1	67.5	52.0	57.2	54.3	13.3	25.6	19.7	11.1	14.0	12.4
9/4/2005	55.0	79.0	64.9	48.9	59.0	55.2	12.8	26.1	18.3	9.4	15.0	12.9
9/5/2005	51.8	79.0	63.3	50.0	61.0	54.1	11.0	26.1	17.4	10.0	16.1	12.3
9/6/2005	53.6	80.1	61.9	51.1	62.1	55.0	12.0	26.7	16.6	10.6	16.7	12.8
9/7/2005	53.6	80.1	62.8	52.0	62.1	55.8	12.0	26.7	17.1	11.1	16.7	13.2
9/8/2005	53.6	79.0	62.1	51.8	61.0	55.4	12.0	26.1	16.7	11.0	16.1	13.0
9/9/2005	60.1	79.0	67.8	52.0	64.0	58.8	15.6	26.1	19.9	11.1	17.8	14.9
9/10/2005	53.1	80.1	64.0	44.1	61.0	53.6	11.7	26.7	17.8	6.7	16.1	12.0
9/11/2005	46.9	77.0	59.7	42.1	55.4	48.7	8.3	25.0	15.4	5.6	13.0	9.3
9/12/2005	50.0	84.9	62.8	48.0	64.4	53.4	10.0	29.4	17.1	8.9	18.0	11.9
9/13/2005	59.0	87.1	66.4	57.0	66.0	60.3	15.0	30.6	19.1	13.9	18.9	15.7
9/14/2005	55.4	84.9	64.2	54.0	68.0	59.2	13.0	29.4	17.9	12.2	20.0	15.1
9/15/2005	71.1	87.1	75.4	64.9	70.0	67.8	21.7	30.6	24.1	18.3	21.1	19.9
9/16/2005	68.0	82.9	72.7	64.0	71.6	66.9	20.0	28.3	22.6	17.8	22.0	19.4
9/17/2005	66.0	77.0	69.4	61.0	66.9	65.1	18.9	25.0	20.8	16.1	19.4	18.4
9/18/2005	59.0	79.0	65.1	55.9	63.0	59.7	15.0	26.1	18.4	13.3	17.2	15.4
9/19/2005	57.0	79.0	63.5	54.0	64.0	58.3	13.9	26.1	17.5	12.2	17.8	14.6
9/20/2005	64.0	79.0	69.4	59.0	64.0	61.5	17.8	26.1	20.8	15.0	17.8	16.4
9/21/2005	53.1	82.0	65.5	51.1	62.1	55.4	11.7	27.8	18.6	10.6	16.7	13.0
9/22/2005	51.8	82.9	62.2	50.0	64.4	55.4	11.0	28.3	16.8	10.0	18.0	13.0
9/23/2005	64.0	75.0	68.4	53.6	64.0	61.2	17.8	23.9	20.2	12.0	17.8	16.2
9/24/2005	48.0	73.0	58.8	44.1	54.0	46.9	8.9	22.8	14.9	6.7	12.2	8.3
9/25/2005	62.6	71.6	66.7	48.0	61.0	56.3	17.0	22.0	19.3	8.9	16.1	13.5
9/26/2005	68.0	71.6	70.2	61.0	68.0	64.6	20.0	22.0	21.2	16.1	20.0	18.1
9/27/2005	55.4	71.1	64.9	41.0	68.0	50.5	13.0	21.7	18.3	5.0	20.0	10.3
9/28/2005	44.6	72.0	52.0	42.8	50.0	45.5	7.0	22.2	11.1	6.0	10.0	7.5
9/29/2005	53.6	69.1	63.1	33.1	59.0	50.0	12.0	20.6	17.3	0.6	15.0	10.0
9/30/2005	39.2	64.9	49.6	35.1	46.4	40.3	4.0	18.3	9.8	1.7	8.0	4.6
10/1/2005	42.1	73.9	50.4	41.0	51.1	44.2	5.6	23.3	10.2	5.0	10.6	6.8
10/2/2005	48.0	78.1	55.9	46.4	62.1	51.1	8.9	25.6	13.3	8.0	16.7	10.6
10/3/2005	51.8	78.1	58.6	48.9	59.0	53.8	11.0	25.6	14.8	9.4	15.0	12.1
10/4/2005	50.0	70.0	56.5	48.2	60.8	53.2	10.0	21.1	13.6	9.0	16.0	11.8
10/5/2005	55.4	77.0	60.8	55.0	62.6	57.4	13.0	25.0	16.0	12.8	17.0	14.1
10/6/2005	53.6	73.4	61.3	53.6	64.0	57.7	12.0	23.0	16.3	12.0	17.8	14.3
10/7/2005	66.9	72.0	69.4	64.0	68.0	66.2	19.4	22.2	20.8	17.8	20.0	19.0
10/8/2005	50.0	71.1	60.1	46.0	66.9	56.8	10.0	21.7	15.6	7.8	19.4	13.8
10/9/2005	48.9	57.9	52.2	44.6	48.2	46.0	9.4	14.4	11.2	7.0	9.0	7.8
10/10/2005	51.1	60.8	54.9	46.9	55.9	50.4	10.6	16.0	12.7	8.3	13.3	10.2
10/11/2005	57.0	63.0	59.4	52.0	55.9	54.5	13.9	17.2	15.2	11.1	13.3	12.5
10/12/2005	55.4	61.0	58.5	50.0	57.2	55.0	13.0	16.1	14.7	10.0	14.0	12.8
10/13/2005	51.8	57.9	55.0	48.9	55.9	53.1	11.0	14.4	12.8	9.4	13.3	11.7
10/14/2005	55.4	64.9	57.6	55.0	59.0	55.9	13.0	18.3	14.2	12.8	15.0	13.3
10/15/2005	51.1	69.8	57.6	35.1	57.2	51.4	10.6	21.0	14.2	1.7	14.0	10.8

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
10/16/2005	50.0	60.1	55.0	36.0	44.1	41.0	10.0	15.6	12.8	2.2	6.7	5.0
10/17/2005	48.9	63.0	54.5	37.9	42.8	39.9	9.4	17.2	12.5	3.3	6.0	4.4
10/18/2005	44.6	70.0	52.2	35.1	50.0	44.4	7.0	21.1	11.2	1.7	10.0	6.9
10/19/2005	39.0	75.0	50.2	37.0	48.9	41.4	3.9	23.9	10.1	2.8	9.4	5.2
10/20/2005	39.0	63.0	49.8	32.0	46.9	36.7	3.9	17.2	9.9	0.0	8.3	2.6
10/21/2005	44.1	53.1	48.4	37.9	43.0	40.8	6.7	11.7	9.1	3.3	6.1	4.9
10/22/2005	44.6	52.0	46.9	39.0	46.4	44.4	7.0	11.1	8.3	3.9	8.0	6.9
10/23/2005	46.0	52.0	47.5	35.1	45.0	40.8	7.8	11.1	8.6	1.7	7.2	4.9
10/24/2005	37.0	46.0	41.7	35.6	42.8	39.0	2.8	7.8	5.4	2.0	6.0	3.9
10/25/2005	39.0	44.6	41.5	35.1	42.1	38.1	3.9	7.0	5.3	1.7	5.6	3.4
10/26/2005	39.2	50.0	42.4	33.1	37.9	34.7	4.0	10.0	5.8	0.6	3.3	1.5
10/27/2005	39.2	46.4	43.0	26.1	37.4	33.3	4.0	8.0	6.1	-3.3	3.0	0.7
10/28/2005	30.0	48.9	37.4	24.1	35.1	30.7	-1.1	9.4	3.0	-4.4	1.7	-0.7
10/29/2005	37.0	53.1	42.1	26.1	35.1	32.5	2.8	11.7	5.6	-3.3	1.7	0.3
10/30/2005	39.0	63.0	46.8	33.1	39.0	35.2	3.9	17.2	8.2	0.6	3.9	1.8
10/31/2005	32.0	64.9	41.5	30.2	41.0	35.4	0.0	18.3	5.3	-1.0	5.0	1.9
11/1/2005	33.8	66.0	42.8	33.1	48.2	37.9	1.0	18.9	6.0	0.6	9.0	3.3
11/2/2005	41.0	57.2	48.4	30.0	48.9	40.5	5.0	14.0	9.1	-1.1	9.4	4.7
11/3/2005	30.2	72.0	40.3	30.0	42.8	33.4	-1.0	22.2	4.6	-1.1	6.0	0.8
11/4/2005	33.8	69.1	43.7	33.1	46.9	38.1	1.0	20.6	6.5	0.6	8.3	3.4
11/5/2005	44.6	70.0	53.1	42.8	55.0	46.8	7.0	21.1	11.7	6.0	12.8	8.2
11/6/2005	46.9	69.8	56.7	46.0	53.6	50.5	8.3	21.0	13.7	7.8	12.0	10.3
11/7/2005	46.0	61.0	54.1	30.0	42.1	35.6	7.8	16.1	12.3	-1.1	5.6	2.0
11/8/2005	35.6	61.0	45.3	33.1	44.6	37.4	2.0	16.1	7.4	0.6	7.0	3.0
11/9/2005	39.0	54.0	47.5	35.6	50.0	42.4	3.9	12.2	8.6	2.0	10.0	5.8
11/10/2005	42.1	53.6	49.5	24.8	53.6	41.0	5.6	12.0	9.7	-4.0	12.0	5.0
11/11/2005	35.6	48.0	42.1	25.0	30.2	27.7	2.0	8.9	5.6	-3.9	-1.0	-2.4
11/12/2005	26.6	55.9	36.7	24.8	33.8	28.6	-3.0	13.3	2.6	-4.0	1.0	-1.9
11/13/2005	33.1	60.8	45.9	28.0	35.6	32.2	0.6	16.0	7.7	-2.2	2.0	0.1
11/14/2005	42.1	60.1	52.7	25.0	39.9	33.6	5.6	15.6	11.5	-3.9	4.4	0.9
11/15/2005	39.9	53.6	45.9	30.9	51.8	42.3	4.4	12.0	7.7	-0.6	11.0	5.7
11/16/2005	44.6	66.9	58.3	37.4	60.8	53.1	7.0	19.4	14.6	3.0	16.0	11.7
11/17/2005	32.0	45.0	37.2	14.0	37.9	20.1	0.0	7.2	2.9	-10.0	3.3	-6.6
11/18/2005	24.8	35.1	31.1	16.0	21.2	18.0	-4.0	1.7	-0.5	-8.9	-6.0	-7.8
11/19/2005	30.0	46.9	35.8	19.0	24.1	21.2	-1.1	8.3	2.1	-7.2	-4.4	-6.0
11/20/2005	24.1	52.0	35.1	21.2	30.2	25.2	-4.4	11.1	1.7	-6.0	-1.0	-3.8
11/21/2005	26.6	43.0	34.3	24.8	33.1	28.6	-3.0	6.1	1.3	-4.0	0.6	-1.9
11/22/2005	33.8	46.0	39.9	15.8	37.0	30.7	1.0	7.8	4.4	-9.0	2.8	-0.7
11/23/2005	24.1	34.0	28.6	8.1	17.1	12.6	-4.4	1.1	-1.9	-13.3	-8.3	-10.8
11/24/2005	21.2	41.0	31.3	1.0	33.8	25.2	-6.0	5.0	-0.4	-17.2	1.0	-3.8
11/25/2005	15.8	30.0	21.2	1.0	12.0	7.0	-9.0	-1.1	-6.0	-17.2	-11.1	-13.9
11/26/2005	19.0	35.6	25.7	9.0	18.0	12.7	-7.2	2.0	-3.5	-12.8	-7.8	-10.7
11/27/2005	32.0	46.9	38.5	16.0	28.4	24.1	0.0	8.3	3.6	-8.9	-2.0	-4.4
11/28/2005	39.0	60.8	45.5	28.0	53.6	42.1	3.9	16.0	7.5	-2.2	12.0	5.6
11/29/2005	51.8	64.9	61.0	50.0	57.9	55.0	11.0	18.3	16.1	10.0	14.4	12.8

Table 2.7-20— Williamsport, PA, Daily Average and Extreme Temperature and Dew Point Termperature Values (2000-2005)

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Date	Min T (°F)	Max T (°F)	Aver T (°F)	Min T_d (°F)	Max T_d (°F)	Aver T_d (°F)	Min T (°C)	Max T (°C)	Aver T (°C)	Min T_d (°C)	Max T_d (°C)	Aver Td (°C)
11/30/2005	39.0	52.0	45.1	26.1	51.1	41.2	3.9	11.1	7.3	-3.3	10.6	5.1
12/1/2005	30.0	39.0	35.4	23.0	28.9	25.3	-1.1	3.9	1.9	-5.0	-1.7	-3.7
12/2/2005	30.0	36.0	33.3	19.4	30.9	25.7	-1.1	2.2	0.7	-7.0	-0.6	-3.5
12/3/2005	24.1	30.9	27.1	12.9	23.0	17.8	-4.4	-0.6	-2.7	-10.6	-5.0	-7.9
12/4/2005	24.1	33.8	26.6	14.0	26.1	21.4	-4.4	1.0	-3.0	-10.0	-3.3	-5.9
12/5/2005	24.1	34.0	28.8	15.1	23.0	18.5	-4.4	1.1	-1.8	-9.4	-5.0	-7.5
12/6/2005	19.9	32.0	25.5	10.4	19.9	16.7	-6.7	0.0	-3.6	-12.0	-6.7	-8.5
12/7/2005	14.0	28.0	22.6	8.6	14.0	11.7	-10.0	-2.2	-5.2	-13.0	-10.0	-11.3
12/8/2005	10.9	28.0	20.7	7.0	14.0	10.9	-11.7	-2.2	-6.3	-13.9	-10.0	-11.7
12/9/2005	21.2	32.0	25.7	12.0	23.0	19.4	-6.0	0.0	-3.5	-11.1	-5.0	-7.0
12/10/2005	24.1	30.0	26.8	15.8	19.4	17.4	-4.4	-1.1	-2.9	-9.0	-7.0	-8.1
12/11/2005	12.9	30.0	20.1	10.0	21.9	14.7	-10.6	-1.1	-6.6	-12.2	-5.6	-9.6
12/12/2005	24.1	32.0	28.4	6.8	24.1	17.6	-4.4	0.0	-2.0	-14.0	-4.4	-8.0
12/13/2005	5.0	24.1	14.7	1.4	7.0	4.1	-15.0	-4.4	-9.6	-17.0	-13.9	-15.5
12/14/2005	-0.4	18.0	8.1	-5.8	5.0	0.9	-18.0	-7.8	-13.3	-21.0	-15.0	-17.3
12/15/2005	9.0	26.1	17.8	1.0	23.0	10.6	-12.8	-3.3	-7.9	-17.2	-5.0	-11.9
12/16/2005	25.0	37.4	32.5	23.0	32.0	29.5	-3.9	3.0	0.3	-5.0	0.0	-1.4
12/17/2005	19.9	33.1	28.0	17.1	28.4	21.0	-6.7	0.6	-2.2	-8.3	-2.0	-6.1
12/18/2005	15.8	30.2	21.0	12.2	19.9	16.3	-9.0	-1.0	-6.1	-11.0	-6.7	-8.7
12/19/2005	16.0	27.0	21.7	8.6	19.9	14.4	-8.9	-2.8	-5.7	-13.0	-6.7	-9.8
12/20/2005	14.0	23.0	18.3	3.0	10.0	5.5	-10.0	-5.0	-7.6	-16.1	-12.2	-14.7
12/21/2005	14.0	28.4	20.8	8.1	19.4	12.2	-10.0	-2.0	-6.2	-13.3	-7.0	-11.0
12/22/2005	26.1	34.0	28.6	15.8	21.9	18.5	-3.3	1.1	-1.9	-9.0	-5.6	-7.5
12/23/2005	26.1	41.0	31.3	21.0	26.1	23.5	-3.3	5.0	-0.4	-6.1	-3.3	-4.7
12/24/2005	21.9	46.0	31.1	21.0	28.0	24.3	-5.6	7.8	-0.5	-6.1	-2.2	-4.3
12/25/2005	19.4	37.4	29.1	17.6	35.6	27.1	-7.0	3.0	-1.6	-8.0	2.0	-2.7
12/26/2005	33.1	39.0	34.9	28.0	34.0	32.9	0.6	3.9	1.6	-2.2	1.1	0.5
12/27/2005	35.6	39.2	36.9	25.0	28.9	27.1	2.0	4.0	2.7	-3.9	-1.7	-2.7
12/28/2005	28.0	41.0	34.3	25.0	30.2	27.1	-2.2	5.0	1.3	-3.9	-1.0	-2.7
12/29/2005	35.1	42.8	37.6	30.9	39.2	36.0	1.7	6.0	3.1	-0.6	4.0	2.2
12/30/2005	34.0	43.0	39.0	24.1	39.0	30.4	1.1	6.1	3.9	-4.4	3.9	-0.9
12/31/2005	28.0	33.8	39.0	24.1	30.9	30.4	-2.2	1.0	3.9	-4.4	-0.6	-0.9

Table 2.7-21— SSES Monthly Mean Temperatures (2001-2006)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
°F	27.9	31.0	37.7	50.4	59.3	67.5	71.6	71.5	63.3	51.2	44.0	33.1	50.7
°C	-2.3	-0.6	3.2	10.2	15.2	19.7	22.0	21.9	17.4	10.7	6.7	0.6	10.4

Table 2.7-22— SSES Monthly Mean Extreme Maximum Temperatures (2001-2006)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
°F	35.7	35.5	40.3	51.6	66.4	71.1	73.6	73.2	67.0	53.8	46.9	38.7
°C	2.0	2.0	4.6	10.9	19.1	21.7	23.1	22.9	19.4	12.1	8.3	3.7

Table 2.7-23— SSES Monthly Mean Extreme Minimum Temperatures (2001-2006)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
°F	21.0	26.3	33.9	48.4	55.7	64.9	68.5	68.7	60.4	49.1	40.8	28.2
°C	-6.1	-3.2	1.1	9.1	13.1	18.3	20.3	20.4	15.8	9.5	4.9	-2.1

Table 2.7-24— SSES Monthly Mean Daily Maximum Temperatures (2001-2006)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
°F	34.6	38.8	46.2	60.8	69.1	77.3	81.6	81.6	73.2	60.4	53.0	40.0
°C	1.4	3.8	7.9	16.0	20.6	25.1	27.6	27.6	22.9	15.8	11.7	4.4

Table 2.7-25— SSES Monthly Mean Daily Minimum Temperatures (2001-2006)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
°F	21.2	23.4	29.3	40.1	49.3	58.3	62.3	62.5	54.3	42.8	35.9	26.4
°C	-6.0	-4.8	-1.5	4.5	9.6	14.6	16.8	16.9	12.4	6.0	2.1	-3.1

Table 2.7-26— SSES Maximum Hourly Temperatures (2001-2006)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
°F	65.1	63.6	74.7	90.3	92.6	92.4	93.4	96.8	92.6	81.3	73.8	69.8
°C	18.4	17.6	23.7	32.4	33.7	33.6	34.1	36.0	33.7	27.4	23.2	21.0

Table 2.7-27— SSES Minimum Hourly Temperatures (2001-2006)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
°F	-7.0	4.8	1.1	19.8	25.4	40.7	46.4	46.3	39.6	25.6	16.6	-3.1
°C	-21.7	-15.1	-17.2	-6.8	-3.7	4.8	8.0	7.9	4.2	-3.6	-8.6	-19.5

Table 2.7-28— SSES Monthly Mean Dew Point Temperatures (2001-2006)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
°F	15.5	15.7	21.6	30.9	42.3	53.7	56.8	56.8	49.5	37.4	31.2	19.8	35.9
°C	-9.2	-9.1	-5.8	-0.6	5.7	12.1	13.8	13.8	9.7	3.0	-0.4	-6.8	2.2

Table 2.7-29— Number of SSES Hourly Temperature Values Greater Than or Less Than Indicated Value and Percent Frequency of Occurrence (2001-2006)

Value	Number of Hours of Occurrence	Percent Frequency of Occurrence
≥ 95.0°F	13	0.025
≥ 90.0°F	192	0.368
≤ 32.0°F	9231	17.672
≤ 00.0°F	51	0.098

Table 2.7-30— SSES Monthly Mean Relative Humidity (2001-2006)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
%	58.2	52.0	52.6	49.6	56.7	63.2	61.3	61.7	62.8	60.3	60.3	56.7	58.0

Table 2.7-31— Monthly Mean Temperatures (1971-2000) for Sites Around Bell Bend Nuclear Power Plant

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre /Scranton, PA	°F	26.3	28.9	37.9	48.7	59.6	67.5	72.1	70.3	62.5	51.5	41.5	31.4	49.9
	°C	-3.2	-1.7	3.3	9.3	15.3	19.7	22.3	21.3	16.9	10.8	5.3	-0.3	9.9
Allentown, PA	°F	27.1	29.9	38.8	49.0	59.6	68.5	73.3	71.2	63.4	52.0	42.0	32.0	50.6
	°C	-2.7	-1.2	3.8	9.4	15.3	20.3	22.9	21.8	17.4	11.1	5.6	0.0	10.3
Williamsport, PA	°F	25.5	28.5	38.0	49.0	59.5	67.8	72.4	70.9	63.1	51.3	40.8	30.7	49.8
	°C	-3.6	-1.9	3.3	9.4	15.3	19.9	22.4	21.6	17.3	10.7	4.9	-0.7	9.9

Table 2.7-32— Monthly Mean Daily Maximum Temperatures (1971-2000) for Sites Around Bell Bend Nuclear Power Plant

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre /Scranton, PA	°F	34.1	37.3	47.3	59.2	70.8	78.2	82.6	80.5	72.4	61.2	49.3	38.6	59.3
	°C	1.2	2.9	8.5	15.1	21.6	25.7	28.1	26.9	22.4	16.2	9.6	3.7	15.2
Allentown, PA	°F	35.0	38.7	48.7	60.1	70.9	79.3	83.9	81.7	74.0	62.9	51.2	40.0	60.5
	°C	1.7	3.7	9.3	15.6	21.6	26.3	28.8	27.6	23.3	17.2	10.7	4.4	15.8
Williamsport, PA	°F	33.2	37.1	47.8	60.2	71.3	78.9	83.2	81.4	73.3	61.8	49.0	37.8	59.6
	°C	0.7	2.8	8.8	15.7	21.8	26.1	28.4	27.4	22.9	16.6	9.4	3.2	15.3

Table 2.7-33— Monthly Mean Daily Minimum Temperatures (1971-2000) for Sites Around Bell Bend Nuclear Power Plant

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre /Scranton, PA	°F	18.5	20.4	28.4	38.1	48.4	56.7	61.5	60.1	52.6	41.7	33.7	24.2	40.4
	°C	-7.5	-6.4	-2.0	3.4	9.1	13.7	16.4	15.6	11.4	5.4	0.9	-4.3	4.7
Allentown, PA	°F	19.1	21.0	28.9	37.8	48.3	57.7	62.6	60.7	52.7	41.1	32.7	24.0	40.6
	°C	-7.2	-6.1	-1.7	3.2	9.1	14.3	17.0	15.9	11.5	5.1	0.4	-4.4	4.8
Williamsport, PA	°F	17.9	19.9	28.2	37.8	47.8	56.8	61.7	60.4	52.8	40.9	32.7	23.7	40.1
	°C	-7.8	-6.7	-2.1	3.2	8.8	13.8	16.5	15.8	11.6	4.9	0.4	-4.6	4.5

Table 2.7-34— Monthly Mean Wet Bulb Temperatures (1978-2000) for Sites Around Bell Bend Nuclear Power Plant

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre /Scranton, PA	°F	24.2	25.8	32.3	42.2	52.2	61.0	65.0	63.8	57.3	46.5	37.7	28.3	44.7
	°C	-4.3	-3.4	0.2	5.7	11.2	16.1	18.3	17.7	14.1	8.1	3.2	-2.1	7.1
Allentown, PA	°F	26.1	27.7	34.3	44.0	53.8	62.9	67.1	66.0	59.3	48.3	39.2	29.9	46.6
	°C	-3.3	-2.4	1.3	6.7	12.1	17.2	19.5	18.9	15.2	9.1	4.0	-1.2	8.1
Williamsport, PA	°F	24.6	26.9	33.1	43.3	53.1	62.0	66.2	64.9	58.2	47.1	37.9	28.6	45.5
	°C	-4.1	-2.8	0.6	6.3	11.7	16.7	19.0	18.3	14.6	8.4	3.3	-1.9	7.5

Table 2.7-35— Monthly Mean Dew Point Temperatures (1978-2000) for Sites Around Bell Bend Nuclear Power Plant

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre /Scranton, PA	°F	18.8	19.2	25.2	34.9	46.5	56.8	61.2	60.3	53.8	41.9	32.4	23.0	39.5
	°C	-7.3	-7.1	-3.8	1.6	8.1	13.8	16.2	15.7	12.1	5.5	0.2	-5.0	4.2
Allentown, PA	°F	20.0	20.7	26.7	36.7	48.3	58.5	63.2	62.5	55.7	43.8	33.7	24.2	41.2
	°C	-6.7	-6.3	-2.9	2.6	9.1	14.7	17.3	16.9	13.2	6.6	0.9	-4.3	5.1
Williamsport, PA	°F	18.9	19.7	26.2	36.0	47.7	57.9	62.6	61.8	55.1	43.0	33.0	23.3	40.4
	°C	-7.3	-6.8	-3.2	2.2	8.7	14.4	17.0	16.6	12.8	6.1	0.6	-4.8	4.7

Table 2.7-36— Monthly Mean Relative Humidity (1971-2000) for Sites Around Bell Bend Nuclear Power Plant

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre /Scranton, PA	%	71	67	63	61	65	70	71	73	75	72	71	72	69
Allentown, PA	%	70	66	62	61	66	68	70	72	74	72	70	71	69
Williamsport, PA	%	70	67	63	61	67	71	73	76	78	75	72	72	70

Table 2.7-37— Daily Variation of Monthly Mean Relative Humidity (%) (1971-2000) for Sites Around Bell Bend Nuclear Power Plant

SITE	Time (LST)*	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/ Scranton, PA	1	73	70	68	66	74	81	82	84	84	80	75	75	76
	7	76	75	74	72	77	83	84	87	88	84	79	77	80
	13	66	61	56	52	54	57	57	59	62	59	64	66	59
	19	68	63	58	54	57	62	63	66	71	67	68	69	64
Allentown, PA	1	74	72	69	69	76	81	82	84	86	83	77	76	77
	7	77	76	74	73	77	80	82	86	88	86	80	78	80
	13	62	57	52	49	53	55	54	56	58	56	58	62	56
	19	68	63	57	54	57	60	61	65	69	67	66	68	63
Williamsport, PA	1	74	73	71	71	81	87	88	90	90	85	79	76	80
	7	77	76	76	74	81	85	87	90	92	88	81	78	82
	13	62	57	52	48	52	56	56	58	61	58	61	63	57
	19	67	63	57	52	57	62	64	69	75	72	69	69	65
* LST = Local Standard Time														

Table 2.7-38— Mean Number of Days with Maximum Hourly Temperature Value Greater than or Equal to 90°F (1971-2000) for Sites Around Bell Bend Nuclear Power Plant

SITE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/Scranton, PA	0.0	0.0	0.0	0.1	0.3	1.0	3.6	2.0	0.4	0.0	0.0	0.0	7.4
Allentown, PA	0.0	0.0	0.0	0.2	0.7	2.6	6.5	3.6	0.8	0.0	0.0	0.0	14.4
Williamsport, PA	0.0	0.0	0.0	0.2	1.1	2.2	5.3	3.1	0.5	0.0	0.0	0.0	12.4

Table 2.7-39— Mean Number of Days with Maximum Hourly Temperature Value Less than or Equal to 32°F (1971-2000) for Sites Around Bell Bend Nuclear Power Plant

SITE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/Scranton, PA	14.6	10.9	3.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.4	8.7	39.1
Allentown, PA	11.9	7.7	1.4	*	0.0	0.0	0.0	0.0	0.0	0.0	0.3	6.0	27.3
Williamsport, PA	13.2	8.5	2.0	*	0.0	0.0	0.0	0.0	0.0	0.0	0.6	7.2	31.5
* Between 0.00 and 0.05													

Table 2.7-40— Mean Number of Days with Minimum Hourly Temperature Value Less than or Equal to 32°F (1971-2000) for Sites Around Bell Bend Nuclear Power Plant

SITE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/Scranton, PA	27.7	24.0	20.5	8.4	0.5	0.0	0.0	0.0	0.1	4.4	13.7	24.6	123.9
Allentown, PA	27.5	23.3	18.4	5.8	0.2	0.0	0.0	0.0	0.1	3.5	13.6	24.5	116.9
Williamsport, PA	28.1	23.9	20.4	7.6	0.6	0.0	0.0	0.0	*	4.6	14.8	24.5	124.5
* Between 0.00 and 0.05													

Table 2.7-41— Mean Number of Days with Minimum Hourly Temperature Value Less than or Equal to 0°F (1971-2000) for Sites Around Bell Bend Nuclear Power Plant

SITE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/Scranton, PA	1.8	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.5
Allentown, PA	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.6
Williamsport, PA	2.0	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	4.0

Table 2.7-42— Monthly Design Dry Bulb and Mean Coincident Wet Bulb Temperature Values for Wilkes-Barre/Scranton, PA (1972-2001)

%	Jan		Feb		Mar		Apr		May		Jun	
	DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB
0.4%	60.4°F	55.8°F	59.2°F	50.7°F	74.3°F	58.8°F	82.4°F	62.5°F	86.4°F	66.6°F	89.2°F	72.1°F
	15.8°C	13.2°C	15.1°C	10.4°C	23.5°C	14.9°C	28.0°C	16.9°C	30.2°C	19.2°C	31.8°C	22.3°C
1%	55.9°F	51.1°F	56.1°F	49.5°F	69.1°F	56.2°F	78.4°F	60.6°F	84.4°F	65.9°F	87.3°F	71.2°F
	13.3°C	10.6°C	13.4°C	9.7°C	20.6°C	13.4°C	25.8°C	15.9°C	29.1°C	18.8°C	30.7°C	21.8°C
2%	51.5°F	47.7°F	53.0°F	47.6°F	65.3°F	53.7°F	74.6°F	58.7°F	82.4°F	65.3°F	85.4°F	70.2°F
	10.8°C	8.7°C	11.7°C	8.7°C	18.5°C	12.1°C	23.7°C	14.8°C	28.0°C	18.5°C	29.7°C	21.2°C
%	Jul		Aug		Sep		Oct		Nov		Dec	
	DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB
0.4%	93.0°F	73.5°F	90.8°F	73.5°F	85.9°F	70.5°F	77.0°F	64.1°F	70.0°F	60.0°F	61.6°F	55.3°F
	33.9°C	23.1°C	32.7°C	23.1°C	29.9°C	21.4°C	25.0°C	17.8°C	21.1°C	15.6°C	16.4°C	12.9°C
1%	90.5°F	73.1°F	88.7°F	72.5°F	83.7°F	69.0°F	74.7°F	63.2°F	66.5°F	59.0°F	58.0°F	52.6°F
	32.5°C	22.8°C	31.5°C	22.5°C	28.7°C	20.6°C	23.7°C	17.3°C	19.2°C	15.0°C	14.4°C	11.4°C
2%	88.6°F	72.6°F	86.6°F	71.5°F	81.6°F	68.6°F	72.2°F	61.9°F	64.3°F	57.7°F	54.9°F	50.7°F
	31.4°C	22.6°C	30.3°C	21.9°C	27.6°C	20.3°C	22.3°C	16.6°C	17.9°C	14.3°C	12.7°C	10.4°C
DB = Dry Bulb, MCWB = Mean Coincident Wet Bulb												

Table 2.7-43— Monthly Design Wet Bulb and Mean Coincident Dry Bulb Temperature Values for Wilkes-Barre/Scranton, PA (1972-2001)

%	Jan		Feb		Mar		Apr		May		Jun	
	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB
0.4%	56.9°F	59.9°F	53.8°F	57.5°F	60.9°F	71.9°F	64.3°F	77.2°F	71.8°F	81.1°F	75.4°F	84.8°F
	13.8°C	15.5°C	12.1°C	14.2°C	16.1°C	22.2°C	17.9°C	25.1°C	22.1°C	27.3°C	24.1°C	29.3°C
1%	52.2°F	55.0°F	51.4°F	54.2°F	58.3°F	67.1°F	62.8°F	75.1°F	70.1°F	79.4°F	73.8°F	82.8°F
	11.2°C	12.8°C	10.8°C	12.3°C	14.6°C	19.5°C	17.1°C	23.9°C	21.2°C	26.3°C	23.2°C	28.2°C
2%	48.1°F	50.6°F	48.4°F	52.1°F	55.7°F	62.8°F	61.0°F	71.8°F	68.3°F	77.6°F	72.6°F	81.1°F
	8.9°C	10.3°C	9.1°C	11.2°C	13.2°C	17.1°C	16.1°C	22.1°C	20.2°C	25.3°C	22.6°C	27.3°C
%	Jul		Aug		Sep		Oct		Nov		Dec	
	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB
0.4%	77.4°F	87.6°F	76.0°F	85.8°F	73.5°F	81.2°F	67.5°F	72.9°F	62.6°F	67.0°F	57.1°F	60.7°F
	25.2°C	30.9°C	24.4°C	29.9°C	23.1°C	27.3°C	19.7°C	22.7°C	17.0°C	19.4°C	13.9°C	15.9°C
1%	76.2°F	85.8°F	74.9°F	84.2°F	72.3°F	80.0°F	65.8°F	70.6°F	61.0°F	65.1°F	54.1°F	57.1°F
	24.6°C	29.9°C	23.8°C	29.0°C	22.4°C	26.7°C	18.8°C	21.4°C	16.1°C	18.4°C	12.3°C	13.9°C
2%	75.1°F	84.1°F	74.0°F	83.0°F	71.1°F	78.4°F	64.3°F	69.3°F	59.0°F	63.3°F	51.1°F	53.7°F
	23.9°C	28.9°C	23.3°C	28.3°C	21.7°C	25.8°C	17.9°C	20.7°C	15.0°C	17.4°C	10.6°C	12.1°C

WB = Wet Bulb, MCDB = Mean Coincident Dry Bulb

Table 2.7-44— Monthly Design Dry Bulb and Mean Coincident Wet Bulb Temperature Values for Allentown, PA (1972-2001)

%	Jan		Feb		Mar		Apr		May		Jun	
	DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB
0.4%	61.0°F	57.9°F	62.9°F	52.0°F	76.7°F	61.7°F	84.7°F	64.4°F	88.6°F	69.2°F	91.7°F	73.8°F
	16.1°C	14.4°C	17.2°C	11.1°C	24.8°C	16.5°C	29.3°C	18.0°C	31.4°C	20.7°C	33.2°C	23.2°C
1%	56.8°F	52.8°F	58.3°F	49.9°F	71.4°F	56.6°F	80.1°F	62.9°F	86.6°F	68.3°F	90.0°F	72.8°F
	13.8°C	11.6°C	14.6°C	9.9°C	21.9°C	13.7°C	26.7°C	17.2°C	30.3°C	20.2°C	32.2°C	22.7°C
2%	52.0°F	48.0°F	54.6°F	47.8°F	67.1°F	54.8°F	75.6°F	60.1°F	84.4°F	67.1°F	88.1°F	71.6°F
	11.1°C	8.9°C	12.6°C	8.8°C	19.5°C	12.7°C	24.2°C	15.6°C	29.1°C	19.5°C	31.2°C	22.0°C
%	Jul		Aug		Sep		Oct		Nov		Dec	
	DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB
0.4%	95.3°F	75.4°F	93.0°F	74.4°F	89.5°F	72.5°F	79.3°F	66.1°F	71.9°F	61.9°F	63.5°F	57.4°F
	35.2°C	24.1°C	33.9°C	23.6°C	31.9°C	22.5°C	26.3°C	18.9°C	22.2°C	16.6°C	17.5°C	14.1°C
1%	93.4°F	75.1°F	91.0°F	74.0°F	86.5°F	70.5°F	76.6°F	64.7°F	68.8°F	60.6°F	59.5°F	54.5°F
	34.1°C	23.9°C	32.8°C	23.3°C	30.3°C	21.4°C	24.8°C	18.2°C	20.4°C	15.9°C	15.3°C	12.5°C
2%	91.4°F	74.4°F	89.1°F	73.4°F	84.1°F	70.1°F	74.4°F	63.9°F	66.1°F	59.4°F	56.0°F	52.0°F
	33.0°C	23.6°C	31.7°C	23.0°C	28.9°C	21.2°C	23.6°C	17.7°C	18.9°C	15.2°C	13.3°C	11.1°C

DB = Dry Bulb, MCWB = Mean Coincident Wet Bulb

Table 2.7-45— Monthly Design Wet Bulb and Mean Coincident Dry Bulb Temperature Values for Allentown, PA (1972-2001)

%	Jan		Feb		Mar		Apr		May		Jun	
	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB
0.4%	58.5°F	60.6°F	55.4°F	59.7°F	63.4°F	75.5°F	66.4°F	80.0°F	72.8°F	83.4°F	77.1°F	87.1°F
	14.7°C	15.9°C	13.0°C	15.4°C	17.4°C	24.2°C	19.1°C	26.7°C	22.7°C	28.6°C	25.1°C	30.6°C
1%	54.1°F	56.1°F	52.4°F	55.7°F	60.4°F	69.0°F	64.4°F	76.8°F	71.1°F	81.7°F	75.5°F	85.0°F
	12.3°C	13.4°C	11.3°C	13.2°C	15.8°C	20.6°C	18.0°C	24.9°C	21.7°C	27.6°C	24.2°C	29.4°C
2%	48.8°F	51.4°F	48.7°F	53.9°F	57.0°F	63.7°F	62.5°F	73.2°F	69.4°F	80.4°F	74.4°F	83.6°F
	9.3°C	10.8°C	9.3°C	12.2°C	13.9°C	17.6°C	16.9°C	22.9°C	20.8°C	26.9°C	23.6°C	28.7°C
%	Jul		Aug		Sep		Oct		Nov		Dec	
	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB
0.4%	78.5°F	89.8°F	78.0°F	87.3°F	75.4°F	84.0°F	68.8°F	74.1°F	64.5°F	68.5°F	59.2°F	62.7°F
	25.8°C	32.1°C	25.6°C	30.7°C	24.1°C	28.9°C	20.4°C	23.4°C	18.1°C	20.3°C	15.1°C	17.1°C
1%	77.5°F	88.7°F	76.9°F	85.8°F	74.3°F	82.1°F	67.7°F	73.3°F	63.0°F	66.9°F	55.7°F	58.5°F
	25.3°C	31.5°C	24.9°C	29.9°C	23.5°C	27.8°C	19.8°C	22.9°C	17.2°C	19.4°C	13.2°C	14.7°C
2%	76.7°F	87.4°F	75.8°F	84.6°F	73.1°F	80.2°F	66.3°F	72.0°F	61.2°F	65.3°F	52.7°F	55.3°F
	24.8°C	30.8°C	24.3°C	29.2°C	22.8°C	26.8°C	19.1°C	22.2°C	16.2°C	18.5°C	11.5°C	12.9°C

WB = Wet Bulb, MCDB = Mean Coincident Dry Bulb

Table 2.7-46— The Extreme Annual Dry Bulb Temperature Values for Wilkes-Barre/Scranton, PA(1972 - 2001)

Mean	Max	°F	92.7	°C	33.7
	Min	°F	-3.9	°C	-19.9
Standard Deviation	Max	°F	2.8	°C	-16.2
	Min	°F	6.3	°C	-14.3
50-Year Return Period	Max	°F	99.9	°C	37.7
	Min	°F	-20.2	°C	-29.0
100-Year Return Period	Max	°F	101.4	°C	38.5
	Min	°F	-23.7	°C	-30.9

Table 2.7-47— The Extreme Annual Dry Bulb Temperature Values for Allentown, PA (1972 - 2001)

Mean	Max	°F	94.8	°C	34.9
	Min	°F	-0.2	°C	-17.9
Standard Deviation	Max	°F	2.7	°C	-16.3
	Min	°F	6.0	°C	-14.4
50-Year Return Period	Max	°F	101.8	°C	38.8
	Min	°F	-15.8	°C	-26.5
100-Year Return Period	Max	°F	103.3	°C	39.6
	Min	°F	-19.0	°C	-28.3

Table 2.7-48— Heating Degree Days for Sites Around Bell Bend Nuclear Power Plant (1971-2000) for Base Temperature of 32°F

Site	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/ Scranton, PA	259	182	47	0	0	0	0	0	0	0	20	163	671
Allentown, PA	250	157	39	0	0	0	0	0	0	0	12	143	601
Williamsport, PA	277	178	50	0	0	0	0	0	0	0	20	164	689

Table 2.7-49— Cooling Degree Days for Sites Around Bell Bend Nuclear Power Plant (1971-2000) for Base Temperature of 65°F

Site	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/ Scranton, PA	0	0	1	5	36	114	220	174	57	4	0	0	611
Allentown, PA	0	0	1	6	45	153	288	216	73	5	0	0	787
Williamsport, PA	0	0	0	6	39	135	251	206	68	4	0	0	709

Table 2.7-50— SSES Monthly and Annual Precipitation (2001-2006)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
in	2.65	1.88	2.02	2.83	2.75	4.12	3.50	2.98	4.08	4.44	2.59	2.41	36.25
mm	67.31	47.75	51.31	71.88	69.85	104.65	88.90	75.69	103.63	112.78	65.79	61.21	902.75

Table 2.7-51— SSES Monthly and Annual Percent Frequency (%) of Precipitation Occurrence (2001-2006)

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
8.58	6.11	7.15	7.15	5.71	6.02	4.55	5.06	6.41	7.87	6.09	7.35	6.50

Table 2.7-52— SSES Hourly Rainfall Rate Distribution (2001-2006)

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	49187	2812	367	106	42	19	15	13	9	6	7	1	0	0

Table 2.7-53— SSES Measured Extreme Precipitation Hourly Values (2001-2006)

Rainfall Amount in (mm)	1.25 (31.75)	0.99 (25.15)	0.99 (25.15)
Date Occurred	09/24/01 13:00	02/08/05 07:00	10/31/06 07:00

Table 2.7-54— Mean Monthly and Annual Precipitation for Sites Around Bell Bend Nuclear Power Plant (1971-2000)

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/Scranton, PA	in	2.46	2.08	2.69	3.28	3.69	3.97	3.74	3.10	3.86	3.02	3.12	2.55	37.56
	mm	62.48	52.83	68.33	83.31	93.73	100.84	95.00	78.74	98.04	76.71	79.25	64.77	954.02
Allentown, PA	in	3.50	2.75	3.56	3.49	4.47	3.99	4.27	4.35	4.37	3.33	3.70	3.39	45.17
	mm	88.90	69.85	90.42	88.65	113.54	101.35	108.46	110.49	111.00	84.58	93.98	86.11	1147.32
Williamsport, PA	in	2.85	2.61	3.21	3.49	3.79	4.45	4.08	3.38	3.98	3.19	3.62	2.94	41.59
	mm	72.39	66.29	81.53	88.65	96.27	113.03	103.63	85.85	101.09	81.03	91.95	74.68	1056.39
Shickshinny, PA*	in	3.21	2.40	3.44	3.66	4.44	4.61	4.56	3.96	4.48	3.42	3.55	3.21	44.94
	mm	81.53	60.96	87.38	92.96	112.78	117.09	115.82	100.58	113.79	86.87	90.17	81.53	1141.48
* Only precipitation statistics were available for Shickshinny, PA.														

Table 2.7-55— Mean Monthly and Annual Snowfall for Sites Around Bell Bend Nuclear Power Plant (1971-2000)

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/Scranton, PA	in	13.50	10.20	8.70	2.80	0.10	0.00	0.00	0.00	0.00	0.10	4.30	7.30	47.00
	mm	342.90	259.08	220.98	71.12	2.54	0.00	0.00	0.00	Trace	2.54	109.22	185.42	1193.80
Allentown, PA	in	11.10	9.40	5.70	0.80	≤0.05	0.00	0.00	0.00	0.00	0.10	1.40	3.80	32.30
	mm	281.94	238.76	144.78	20.32	=1.27	0.00	0.00	0.00	0.00	2.54	35.56	96.52	820.42
Williamsport, PA	in	12.50	9.30	7.40	1.20	≤0.05	0.00	0.00	0.00	0.00	0.10	3.00	6.50	40.00
	mm	317.50	236.22	187.96	30.48	=1.27	0.00	0.00	0.00	0.00	2.54	76.20	165.10	1016.00

Table 2.7-56— Monthly Mean Number of Days with Precipitation for Sites Around Bell Bend Nuclear Power Plant (1971-2000)

SITE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/Scranton, PA	12.5	10.8	12.4	12.4	13.0	12.7	11.0	10.9	10.3	10.1	11.6	12.2	139.9
Allentown, PA	11.2	10.2	11.1	11.3	12.4	11.2	10.5	9.4	9.9	8.7	10.0	11.0	126.9
Williamsport, PA	11.4	10.3	11.9	12.1	13.4	12.3	11.3	10.5	10.9	10.2	11.3	11.5	137.1

Table 2.7-57— Monthly Mean Number of Days with Heavy Fog for Sites Around Bell Bend Nuclear Power Plant (1964-2006)

SITE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/Scranton, PA	1.9	1.9	1.7	1.1	1.0	1.1	1.6	1.9	2.5	1.8	1.5	2.3	20.3
Allentown, PA	2.6	2.3	2.1	1.2	1.3	1.2	1.0	1.5	2.3	2.4	2.0	2.6	22.5
Williamsport, PA	2.0	1.7	1.6	1.5	2.5	2.3	2.5	3.8	7.2	6.2	3.0	2.1	36.4

Table 2.7-58— SSES 33' (10m) 2001-2006 Annual JFD

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) 5.76

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	3	13	32	40	51	49	40	34	44	39	39	18	5	3	2	4	0	416
(1)	.10	.43	1.07	1.33	1.70	1.63	1.33	1.13	1.46	1.30	1.30	.60	.17	.10	.07	.13	.00	13.85
(2)	.01	.02	.06	.08	.10	.09	.08	.07	.08	.07	.07	.03	.01	.01	.00	.01	.00	.80
4-7	41	90	93	40	37	29	70	80	148	294	479	97	21	20	14	22	0	1575
(1)	1.36	3.00	3.10	1.33	1.23	.97	2.33	2.66	4.93	9.79	15.95	3.23	.70	.67	.47	.73	.00	52.43
(2)	.08	.17	.18	.08	.07	.06	.13	.15	.28	.56	.92	.19	.04	.04	.03	.04	.00	3.02
8-12	68	59	20	0	0	4	28	19	55	85	367	171	35	9	15	22	0	957
(1)	2.26	1.96	.67	.00	.00	.13	.93	.63	1.83	2.83	12.22	5.69	1.17	.30	.50	.73	.00	31.86
(2)	.13	.11	.04	.00	.00	.01	.05	.04	.11	.16	.70	.33	.07	.02	.03	.04	.00	1.84
13-18	9	1	0	0	0	0	1	1	1	0	25	13	0	0	1	4	0	56
(1)	.30	.03	.00	.00	.00	.00	.03	.03	.03	.00	.83	.43	.00	.00	.03	.13	.00	1.86
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.02	.00	.00	.00	.01	.00	.11
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	121	163	145	80	88	82	139	134	248	418	910	299	61	32	32	52	0	3004
(1)	4.03	5.43	4.83	2.66	2.93	2.73	4.63	4.46	8.26	13.91	30.29	9.95	2.03	1.07	1.07	1.73	.00	100.00
(2)	.23	.31	.28	.15	.17	.16	.27	.26	.48	.80	1.75	.57	.12	.06	.06	.10	.00	5.76

(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 .50 MPH)

Table 2.7-58— SSES 33' (10m) 2001-2006 Annual JFD

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) 3.07

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	10	3	22	28	35	23	17	14	24	22	17	3	0	2	1	1	0	222
(1)	.63	.19	1.38	1.75	2.19	1.44	1.06	.88	1.50	1.38	1.06	.19	.00	.13	.06	.06	.00	13.89
(2)	.02	.01	.04	.05	.07	.04	.03	.03	.05	.04	.03	.01	.00	.00	.00	.00	.00	.43
4-7	30	73	62	19	14	9	32	24	36	107	198	50	17	5	12	17	0	705
(1)	1.88	4.57	3.88	1.19	.88	.56	2.00	1.50	2.25	6.70	12.39	3.13	1.06	.31	.75	1.06	.00	44.12
(2)	.06	.14	.12	.04	.03	.02	.06	.05	.07	.21	.38	.10	.03	.01	.02	.03	.00	1.35
8-12	48	42	12	1	6	2	9	10	17	21	212	101	35	28	22	44	0	610
(1)	3.00	2.63	.75	.06	.38	.13	.56	.63	1.06	1.31	13.27	6.32	2.19	1.75	1.38	2.75	.00	38.17
(2)	.09	.08	.02	.00	.01	.00	.02	.02	.03	.04	.41	.19	.07	.05	.04	.08	.00	1.17
13-18	4	2	0	0	0	0	0	0	0	1	20	19	1	0	6	7	0	60
(1)	.25	.13	.00	.00	.00	.00	.00	.00	.00	.06	1.25	1.19	.06	.00	.38	.44	.00	3.75
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.04	.00	.00	.01	.01	.00	.12
19-24	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	.06	.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	.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	120	96	48	55	34	58	48	77	151	448	173	53	35	41	69	0	1598
(1)	5.76	7.51	6.01	3.00	3.44	2.13	3.63	3.00	4.82	9.45	28.04	10.83	3.32	2.19	2.57	4.32	.00	100.00
(2)	.18	.23	.18	.09	.11	.07	.11	.09	.15	.29	.86	.33	.10	.07	.08	.13	.00	3.07

(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 .50 MPH)

Table 2.7-58— SSES 33' (10m) 2001-2006 Annual JFD

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) 4.25

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	18	21	37	43	40	28	24	38	33	23	2	8	2	1	3	0	328
(1)	.32	.81	.95	1.67	1.94	1.81	1.26	1.08	1.72	1.49	1.04	.09	.36	.09	.05	.14	.00	14.81
(2)	.01	.03	.04	.07	.08	.08	.05	.05	.07	.06	.04	.00	.02	.00	.00	.01	.00	.63
4-7	64	104	70	28	18	19	36	32	69	118	279	87	25	21	22	24	0	1016
(1)	2.89	4.70	3.16	1.26	.81	.86	1.63	1.44	3.12	5.33	12.60	3.93	1.13	.95	.99	1.08	.00	45.87
(2)	.12	.20	.13	.05	.03	.04	.07	.06	.13	.23	.54	.17	.05	.04	.04	.05	.00	1.95
8-12	97	39	6	2	2	4	14	10	30	21	192	151	46	24	51	68	0	757
(1)	4.38	1.76	.27	.09	.09	.18	.63	.45	1.35	.95	8.67	6.82	2.08	1.08	2.30	3.07	.00	34.18
(2)	.19	.07	.01	.00	.00	.01	.03	.02	.06	.04	.37	.29	.09	.05	.10	.13	.00	1.45
13-18	4	1	0	0	0	0	2	0	0	0	29	43	15	1	6	11	0	112
(1)	.18	.05	.00	.00	.00	.00	.09	.00	.00	.00	1.31	1.94	.68	.05	.27	.50	.00	5.06
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06	.08	.03	.00	.01	.02	.00	.21
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	.09	.00	.00	.00	.00	.00	.09
(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	172	162	97	67	63	63	80	66	137	172	523	285	94	48	80	106	0	2215
(1)	7.77	7.31	4.38	3.02	2.84	2.84	3.61	2.98	6.19	7.77	23.61	12.87	4.24	2.17	3.61	4.79	.00	100.00
(2)	.33	.31	.19	.13	.12	.12	.15	.13	.26	.33	1.00	.55	.18	.09	.15	.20	.00	4.25

(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 .50 MPH)

Table 2.7-58— SSES 33' (10m) 2001-2006 Annual JFD

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 38.76

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	1	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	7
(1)	.00	.00	.00	.01	.01	.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	.01
C-3	149	435	529	468	498	440	460	348	426	394	273	131	57	44	61	52	0	4765
(1)	.74	2.15	2.62	2.32	2.47	2.18	2.28	1.72	2.11	1.95	1.35	.65	.28	.22	.30	.26	.00	23.59
(2)	.29	.83	1.02	.90	.96	.84	.88	.67	.82	.76	.52	.25	.11	.08	.12	.10	.00	9.14
4-7	821	1004	725	241	197	290	469	416	537	808	1130	498	352	332	393	531	0	8744
(1)	4.06	4.97	3.59	1.19	.98	1.44	2.32	2.06	2.66	4.00	5.59	2.47	1.74	1.64	1.95	2.63	.00	43.28
(2)	1.58	1.93	1.39	.46	.38	.56	.90	.80	1.03	1.55	2.17	.96	.68	.64	.75	1.02	.00	16.78
8-12	516	230	69	34	31	50	107	78	117	120	914	716	462	434	868	833	0	5579
(1)	2.55	1.14	.34	.17	.15	.25	.53	.39	.58	.59	4.52	3.54	2.29	2.15	4.30	4.12	.00	27.62
(2)	.99	.44	.13	.07	.06	.10	.21	.15	.22	.23	1.75	1.37	.89	.83	1.67	1.60	.00	10.71
13-18	14	1	3	3	2	5	10	13	11	4	120	300	148	115	168	133	0	1050
(1)	.07	.00	.01	.01	.01	.02	.05	.06	.05	.02	.59	1.49	.73	.57	.83	.66	.00	5.20
(2)	.03	.00	.01	.01	.00	.01	.02	.02	.02	.01	.23	.58	.28	.22	.32	.26	.00	2.01
19-24	0	0	0	0	0	0	1	0	2	0	3	33	13	1	2	1	0	56
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.16	.06	.00	.01	.00	.00	.28
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.06	.02	.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	1501	1671	1327	748	730	785	1047	855	1093	1326	2440	1678	1032	926	1492	1550	0	20201
(1)	7.43	8.27	6.57	3.70	3.61	3.89	5.18	4.23	5.41	6.56	12.08	8.31	5.11	4.58	7.39	7.67	.00	100.00
(2)	2.88	3.21	2.55	1.44	1.40	1.51	2.01	1.64	2.10	2.54	4.68	3.22	1.98	1.78	2.86	2.97	.00	38.76

(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 .50 MPH)

Table 2.7-58— SSES 33' (10m) 2001-2006 Annual JFD

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 28.78

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	3	5	3	1	0	0	0	1	0	0	0	0	0	0	0	13
(1)	.00	.00	.02	.03	.02	.01	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.09
(2)	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
C-3	247	765	1360	1608	1149	773	806	698	885	671	297	103	71	40	44	54	0	9571
(1)	1.65	5.10	9.07	10.72	7.66	5.15	5.37	4.65	5.90	4.47	1.98	.69	.47	.27	.29	.36	.00	63.82
(2)	.47	1.47	2.61	3.09	2.20	1.48	1.55	1.34	1.70	1.29	.57	.20	.14	.08	.08	.10	.00	18.37
4-7	412	712	413	100	68	85	118	190	390	762	627	214	107	71	122	202	0	4593
(1)	2.75	4.75	2.75	.67	.45	.57	.79	1.27	2.60	5.08	4.18	1.43	.71	.47	.81	1.35	.00	30.63
(2)	.79	1.37	.79	.19	.13	.16	.23	.36	.75	1.46	1.20	.41	.21	.14	.23	.39	.00	8.81
8-12	55	67	38	13	17	20	20	46	82	71	143	60	17	14	28	48	0	739
(1)	.37	.45	.25	.09	.11	.13	.13	.31	.55	.47	.95	.40	.11	.09	.19	.32	.00	4.93
(2)	.11	.13	.07	.02	.03	.04	.04	.09	.16	.14	.27	.12	.03	.03	.05	.09	.00	1.42
13-18	0	3	0	3	2	8	14	10	11	1	9	11	0	1	1	2	0	76
(1)	.00	.02	.00	.02	.01	.05	.09	.07	.07	.01	.06	.07	.00	.01	.01	.01	.00	.51
(2)	.00	.01	.00	.01	.00	.02	.03	.02	.02	.00	.02	.02	.00	.00	.00	.00	.00	.15
19-24	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	3
(1)	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.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
GT 24	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	.01	.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
ALL SPEEDS	714	1548	1814	1729	1239	887	958	944	1368	1506	1077	390	195	126	195	306	0	14996
(1)	4.76	10.32	12.10	11.53	8.26	5.91	6.39	6.30	9.12	10.04	7.18	2.60	1.30	.84	1.30	2.04	.00	100.00
(2)	1.37	2.97	3.48	3.32	2.38	1.70	1.84	1.81	2.63	2.89	2.07	.75	.37	.24	.37	.59	.00	28.78

(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 .50 MPH)

Table 2.7-58— SSES 33' (10m) 2001-2006 Annual JFD

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 11.95

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	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	4
(1)	.00	.02	.02	.02	.02	.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
C-3	41	188	800	2619	989	375	245	209	262	127	56	14	8	5	10	11	0	5959
(1)	.66	3.02	12.85	42.05	15.88	6.02	3.93	3.36	4.21	2.04	.90	.22	.13	.08	.16	.18	.00	95.68
(2)	.08	.36	1.54	5.03	1.90	.72	.47	.40	.50	.24	.11	.03	.02	.01	.02	.02	.00	11.43
4-7	13	46	36	51	2	0	0	12	14	35	31	9	2	1	4	7	0	263
(1)	.21	.74	.58	.82	.03	.00	.00	.19	.22	.56	.50	.14	.03	.02	.06	.11	.00	4.22
(2)	.02	.09	.07	.10	.00	.00	.00	.02	.03	.07	.06	.02	.00	.00	.01	.01	.00	.50
8-12	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.00	.02	.02	.00	.00	.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
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	54	236	838	2671	992	375	245	221	276	162	87	23	10	6	14	18	0	6228
(1)	.87	3.79	13.46	42.89	15.93	6.02	3.93	3.55	4.43	2.60	1.40	.37	.16	.10	.22	.29	.00	100.00
(2)	.10	.45	1.61	5.13	1.90	.72	.47	.42	.53	.31	.17	.04	.02	.01	.03	.03	.00	11.95

(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 .50 MPH)

Table 2.7-58— SSES 33' (10m) 2001-2006 Annual JFD

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS G — CLASS FREQUENCY (PERCENT) = 7.43

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.03	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	11	47	628	2277	452	144	81	59	45	16	8	1	0	0	2	4	0	3775
(1)	.28	1.21	16.22	58.82	11.68	3.72	2.09	1.52	1.16	.41	.21	.03	.00	.00	.05	.10	.00	97.52
(2)	.02	.09	1.21	4.37	.87	.28	.16	.11	.09	.03	.02	.00	.00	.00	.00	.01	.00	7.24
4-7	2	5	21	56	1	1	2	0	0	5	1	0	0	0	0	0	0	94
(1)	.05	.13	.54	1.45	.03	.03	.05	.00	.00	.13	.03	.00	.00	.00	.00	.00	.00	2.43
(2)	.00	.01	.04	.11	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.18
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	14	52	649	2334	453	145	83	59	45	21	9	1	0	0	2	4	0	3871
(1)	.36	1.34	16.77	60.29	11.70	3.75	2.14	1.52	1.16	.54	.23	.03	.00	.00	.05	.10	.00	100.00
(2)	.03	.10	1.25	4.48	.87	.28	.16	.11	.09	.04	.02	.00	.00	.00	.00	.01	.00	7.43

(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 .50 MPH)

Table 2.7-58— SSES 33' (10m) 2001-2006 Annual JFD

SSES JAN01-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 MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	2	2	5	9	6	1	0	0	0	1	0	0	0	0	0	0	0	26
(1)	.00	.00	.01	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
(2)	.00	.00	.01	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
C-3	468	1469	3392	7077	3217	1844	1677	1386	1724	1302	713	272	149	96	121	129	0	25036
(1)	.90	2.82	6.51	13.58	6.17	3.54	3.22	2.66	3.31	2.50	1.37	.52	.29	.18	.23	.25	.00	48.04
(2)	.90	2.82	6.51	13.58	6.17	3.54	3.22	2.66	3.31	2.50	1.37	.52	.29	.18	.23	.25	.00	48.04
4-7	1383	2034	1420	535	337	433	727	754	1194	2129	2745	955	524	450	567	803	0	16990
(1)	2.65	3.90	2.72	1.03	.65	.83	1.40	1.45	2.29	4.09	5.27	1.83	1.01	.86	1.09	1.54	.00	32.60
(2)	2.65	3.90	2.72	1.03	.65	.83	1.40	1.45	2.29	4.09	5.27	1.83	1.01	.86	1.09	1.54	.00	32.60
8-12	784	438	146	50	56	80	178	163	301	318	1828	1199	595	509	984	1015	0	8644
(1)	1.50	.84	.28	.10	.11	.15	.34	.31	.58	.61	3.51	2.30	1.14	.98	1.89	1.95	.00	16.59
(2)	1.50	.84	.28	.10	.11	.15	.34	.31	.58	.61	3.51	2.30	1.14	.98	1.89	1.95	.00	16.59
13-18	31	8	3	6	4	13	27	24	23	6	203	386	164	117	182	157	0	1354
(1)	.06	.02	.01	.01	.01	.02	.05	.05	.04	.01	.39	.74	.31	.22	.35	.30	.00	2.60
(2)	.06	.02	.01	.01	.01	.02	.05	.05	.04	.01	.39	.74	.31	.22	.35	.30	.00	2.60
19-24	0	1	0	0	0	0	1	0	2	0	5	36	13	1	2	1	0	62
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.07	.02	.00	.00	.00	.00	.12
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.07	.02	.00	.00	.00	.00	.12
GT 24	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	.00	.00	.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	2668	3952	4966	7677	3620	2371	2610	2327	3244	3756	5494	2849	1445	1173	1856	2105	0	52113
(1)	5.12	7.58	9.53	14.73	6.95	4.55	5.01	4.47	6.22	7.21	10.54	5.47	2.77	2.25	3.56	4.04	.00	100.00
(2)	5.12	7.58	9.53	14.73	6.95	4.55	5.01	4.47	6.22	7.21	10.54	5.47	2.77	2.25	3.56	4.04	.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 .50 MPH)

Table 2.7-59— SSES 33' (10m) 2001-2006 Winter JFD

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) = 2.08

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	0	1	0	0	3	2	2	3	3	4	5	1	0	1	0	0	0	25
(1)	.00	.37	.00	.00	1.11	.74	.74	1.11	1.11	1.48	1.85	.37	.00	.37	.00	.00	.00	9.26
(2)	.00	.01	.00	.00	.02	.02	.02	.02	.02	.03	.04	.01	.00	.01	.00	.00	.00	.19
4-7	0	1	7	3	2	2	6	3	16	37	48	5	2	3	0	1	0	136
(1)	.00	.37	2.59	1.11	.74	.74	2.22	1.11	5.93	13.70	17.78	1.85	.74	1.11	.00	.37	.00	50.37
(2)	.00	.01	.05	.02	.02	.02	.05	.02	.12	.28	.37	.04	.02	.02	.00	.01	.00	1.05
8-12	0	1	2	0	0	0	2	1	6	10	56	11	4	0	1	0	0	94
(1)	.00	.37	.74	.00	.00	.00	.74	.37	2.22	3.70	20.74	4.07	1.48	.00	.37	.00	.00	34.81
(2)	.00	.01	.02	.00	.00	.00	.02	.01	.05	.08	.43	.08	.03	.00	.01	.00	.00	.72
13-18	0	0	0	0	0	0	0	0	0	0	10	5	0	0	0	0	0	15
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.70	1.85	.00	.00	.00	.00	.00	5.56
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08	.04	.00	.00	.00	.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	0	3	9	3	5	4	10	7	25	51	119	22	6	4	1	1	0	270
(1)	.00	1.11	3.33	1.11	1.85	1.48	3.70	2.59	9.26	18.89	44.07	8.15	2.22	1.48	.37	.37	.00	100.00
(2)	.00	.02	.07	.02	.04	.03	.08	.05	.19	.39	.92	.17	.05	.03	.01	.01	.00	2.08

(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 .50 MPH)

Table 2.7-59— SSES 33' (10m) 2001-2006 Winter JFD

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 1.82

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	1	0	1	0	4	2	0	3	5	5	1	2	0	0	1	0	0	25
(1)	.42	.00	.42	.00	1.69	.85	.00	1.27	2.12	2.12	.42	.85	.00	.00	.42	.00	.00	10.59
(2)	.01	.00	.01	.00	.03	.02	.00	.02	.04	.04	.01	.02	.00	.00	.01	.00	.00	.19
4-7	1	4	13	1	2	0	1	4	4	17	19	8	2	1	1	3	0	81
(1)	.42	1.69	5.51	.42	.85	.00	.42	1.69	1.69	7.20	8.05	3.39	.85	.42	.42	1.27	.00	34.32
(2)	.01	.03	.10	.01	.02	.00	.01	.03	.03	.13	.15	.06	.02	.01	.01	.02	.00	.62
8-12	5	12	5	0	0	0	0	0	4	8	56	15	4	5	1	2	0	117
(1)	2.12	5.08	2.12	.00	.00	.00	.00	.00	1.69	3.39	23.73	6.36	1.69	2.12	.42	.85	.00	49.58
(2)	.04	.09	.04	.00	.00	.00	.00	.00	.03	.06	.43	.12	.03	.04	.01	.02	.00	.90
13-18	0	0	0	0	0	0	0	0	0	1	6	6	0	0	0	0	0	13
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.42	2.54	2.54	.00	.00	.00	.00	.00	5.51
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.05	.05	.00	.00	.00	.00	.00	.10
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	16	19	1	6	2	1	7	13	31	82	31	6	6	3	5	0	236
(1)	2.97	6.78	8.05	.42	2.54	.85	.42	2.97	5.51	13.14	34.75	13.14	2.54	2.54	1.27	2.12	.00	100.00
(2)	.05	.12	.15	.01	.05	.02	.01	.05	.10	.24	.63	.24	.05	.05	.02	.04	.00	1.82

(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 .50 MPH)

Table 2.7-59— SSES 33' (10m) 2001-2006 Winter JFD

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 2.85

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	2	1	9	11	4	4	10	7	3	1	1	0	0	0	0	55
(1)	.00	.54	.54	.27	2.43	2.97	1.08	1.08	2.70	1.89	.81	.27	.27	.00	.00	.00	.00	14.86
(2)	.00	.02	.02	.01	.07	.08	.03	.03	.08	.05	.02	.01	.01	.00	.00	.00	.00	.42
4-7	4	14	13	5	2	1	3	5	13	18	32	11	2	3	3	1	0	130
(1)	1.08	3.78	3.51	1.35	.54	.27	.81	1.35	3.51	4.86	8.65	2.97	.54	.81	.81	.27	.00	35.14
(2)	.03	.11	.10	.04	.02	.01	.02	.04	.10	.14	.25	.08	.02	.02	.02	.01	.00	1.00
8-12	16	1	4	0	0	0	2	0	5	10	61	24	8	7	5	15	0	158
(1)	4.32	.27	1.08	.00	.00	.00	.54	.00	1.35	2.70	16.49	6.49	2.16	1.89	1.35	4.05	.00	42.70
(2)	.12	.01	.03	.00	.00	.00	.02	.00	.04	.08	.47	.18	.06	.05	.04	.12	.00	1.22
13-18	0	0	0	0	0	0	0	0	0	0	9	10	7	0	0	1	0	27
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.43	2.70	1.89	.00	.00	.27	.00	7.30
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.08	.05	.00	.00	.01	.00	.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	20	17	19	6	11	12	9	9	28	35	105	46	18	10	8	17	0	370
(1)	5.41	4.59	5.14	1.62	2.97	3.24	2.43	2.43	7.57	9.46	28.38	12.43	4.86	2.70	2.16	4.59	.00	100.00
(2)	.15	.13	.15	.05	.08	.09	.07	.07	.22	.27	.81	.35	.14	.08	.06	.13	.00	2.85

(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 .50 MPH)

Table 2.7-59— SSES 33' (10m) 2001-2006 Winter JFD

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 47.66

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	0	0	0	1
(1)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
C-3	41	98	105	109	112	113	124	89	100	89	56	34	19	13	23	18	0	1143
(1)	.66	1.58	1.70	1.76	1.81	1.83	2.00	1.44	1.62	1.44	.90	.55	.31	.21	.37	.29	.00	18.47
(2)	.32	.75	.81	.84	.86	.87	.96	.69	.77	.69	.43	.26	.15	.10	.18	.14	.00	8.80
4-7	238	183	196	55	29	41	89	92	140	248	270	135	120	96	129	177	0	2238
(1)	3.85	2.96	3.17	.89	.47	.66	1.44	1.49	2.26	4.01	4.36	2.18	1.94	1.55	2.08	2.86	.00	36.17
(2)	1.83	1.41	1.51	.42	.22	.32	.69	.71	1.08	1.91	2.08	1.04	.92	.74	.99	1.36	.00	17.24
8-12	144	56	23	12	6	5	11	12	27	47	456	327	207	160	358	425	0	2276
(1)	2.33	.90	.37	.19	.10	.08	.18	.19	.44	.76	7.37	5.28	3.35	2.59	5.79	6.87	.00	36.78
(2)	1.11	.43	.18	.09	.05	.04	.08	.09	.21	.36	3.51	2.52	1.59	1.23	2.76	3.27	.00	17.53
13-18	7	0	0	0	0	2	2	0	2	1	75	141	56	35	101	88	0	510
(1)	.11	.00	.00	.00	.00	.03	.03	.00	.03	.02	1.21	2.28	.90	.57	1.63	1.42	.00	8.24
(2)	.05	.00	.00	.00	.00	.02	.02	.00	.02	.01	.58	1.09	.43	.27	.78	.68	.00	3.93
19-24	0	0	0	0	0	0	1	0	2	0	1	12	4	0	0	0	0	20
(1)	.00	.00	.00	.00	.00	.00	.02	.00	.03	.00	.02	.19	.06	.00	.00	.00	.00	.32
(2)	.00	.00	.00	.00	.00	.00	.01	.00	.02	.00	.01	.09	.03	.00	.00	.00	.00	.15
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	430	338	324	176	147	161	227	193	271	385	858	649	406	304	611	708	0	6188
(1)	6.95	5.46	5.24	2.84	2.38	2.60	3.67	3.12	4.38	6.22	13.87	10.49	6.56	4.91	9.87	11.44	.00	100.00
(2)	3.31	2.60	2.50	1.36	1.13	1.24	1.75	1.49	2.09	2.97	6.61	5.00	3.13	2.34	4.71	5.45	.00	47.66

(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 .50 MPH)

Table 2.7-59— SSES 33' (10m) 2001-2006 Winter JFD

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 28.55

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	50	139	261	261	216	183	219	178	228	157	78	30	23	16	12	11	0	2062
(1)	1.35	3.75	7.04	7.04	5.83	4.94	5.91	4.80	6.15	4.24	2.10	.81	.62	.43	.32	.30	.00	55.62
(2)	.39	1.07	2.01	2.01	1.66	1.41	1.69	1.37	1.76	1.21	.60	.23	.18	.12	.09	.08	.00	15.88
4-7	126	147	101	20	16	18	25	57	112	274	239	67	30	20	37	56	0	1345
(1)	3.40	3.97	2.72	.54	.43	.49	.67	1.54	3.02	7.39	6.45	1.81	.81	.54	1.00	1.51	.00	36.28
(2)	.97	1.13	.78	.15	.12	.14	.19	.44	.86	2.11	1.84	.52	.23	.15	.28	.43	.00	10.36
8-12	23	21	13	1	7	7	4	9	18	23	66	27	8	4	14	22	0	267
(1)	.62	.57	.35	.03	.19	.19	.11	.24	.49	.62	1.78	.73	.22	.11	.38	.59	.00	7.20
(2)	.18	.16	.10	.01	.05	.05	.03	.07	.14	.18	.51	.21	.06	.03	.11	.17	.00	2.06
13-18	0	0	0	0	2	1	6	4	5	1	2	7	0	0	1	2	0	31
(1)	.00	.00	.00	.00	.05	.03	.16	.11	.13	.03	.05	.19	.00	.00	.03	.05	.00	.84
(2)	.00	.00	.00	.00	.02	.01	.05	.03	.04	.01	.02	.05	.00	.00	.01	.02	.00	.24
19-24	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	.03	.00	.00	.00	.00	.00	.03
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.01
GT 24	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	.03	.00	.00	.00	.00	.00	.03
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.01
ALL SPEEDS	199	307	375	282	241	209	254	248	363	455	385	133	61	40	64	91	0	3707
(1)	5.37	8.28	10.12	7.61	6.50	5.64	6.85	6.69	9.79	12.27	10.39	3.59	1.65	1.08	1.73	2.45	.00	100.00
(2)	1.53	2.36	2.89	2.17	1.86	1.61	1.96	1.91	2.80	3.50	2.97	1.02	.47	.31	.49	.70	.00	28.55

(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 .50 MPH)

Table 2.7-59— SSES 33' (10m) 2001-2006 Winter JFD

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 9.91

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	13	45	174	411	196	103	62	71	99	31	6	3	3	2	0	4	0	1223
(1)	1.01	3.50	13.52	31.93	15.23	8.00	4.82	5.52	7.69	2.41	.47	.23	.23	.16	.00	.31	.00	95.03
(2)	.10	.35	1.34	3.17	1.51	.79	.48	.55	.76	.24	.05	.02	.02	.02	.00	.03	.00	9.42
4-7	3	5	6	3	0	0	0	6	6	16	11	2	1	0	1	4	0	64
(1)	.23	.39	.47	.23	.00	.00	.00	.47	.47	1.24	.85	.16	.08	.00	.08	.31	.00	4.97
(2)	.02	.04	.05	.02	.00	.00	.00	.05	.05	.12	.08	.02	.01	.00	.01	.03	.00	.49
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	16	50	180	414	196	103	62	77	105	47	17	5	4	2	1	8	0	1287
(1)	1.24	3.89	13.99	32.17	15.23	8.00	4.82	5.98	8.16	3.65	1.32	.39	.31	.16	.08	.62	.00	100.00
(2)	.12	.39	1.39	3.19	1.51	.79	.48	.59	.81	.36	.13	.04	.03	.02	.01	.06	.00	9.91

(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 .50 MPH)

Table 2.7-59— SSES 33' (10m) 2001-2006 Winter JFD

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 7.13

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	2	13	153	489	123	41	30	30	19	6	2	1	0	0	0	0	0	909
(1)	.22	1.40	16.52	52.81	13.28	4.43	3.24	3.24	2.05	.65	.22	.11	.00	.00	.00	.00	.00	98.16
(2)	.02	.10	1.18	3.77	.95	.32	.23	.23	.15	.05	.02	.01	.00	.00	.00	.00	.00	7.00
4-7	0	0	5	6	0	1	1	0	0	4	0	0	0	0	0	0	0	17
(1)	.00	.00	.54	.65	.00	.11	.11	.00	.00	.43	.00	.00	.00	.00	.00	.00	.00	1.84
(2)	.00	.00	.04	.05	.00	.01	.01	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.13
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	13	158	495	123	42	31	30	19	10	2	1	0	0	0	0	0	926
(1)	.22	1.40	17.06	53.46	13.28	4.54	3.35	3.24	2.05	1.08	.22	.11	.00	.00	.00	.00	.00	100.00
(2)	.02	.10	1.22	3.81	.95	.32	.24	.23	.15	.08	.02	.01	.00	.00	.00	.00	.00	7.13

(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 .50 MPH)

Table 2.7-59— SSES 33' (10m) 2001-2006 Winter JFD

SSES WINTER 01-06 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	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
(2)	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
C-3	107	298	696	1271	663	455	441	378	464	299	151	72	46	32	36	33	0	5442
(1)	.82	2.30	5.36	9.79	5.11	3.50	3.40	2.91	3.57	2.30	1.16	.55	.35	.25	.28	.25	.00	41.91
(2)	.82	2.30	5.36	9.79	5.11	3.50	3.40	2.91	3.57	2.30	1.16	.55	.35	.25	.28	.25	.00	41.91
4-7	372	354	341	93	51	63	125	167	291	614	619	228	157	123	171	242	0	4011
(1)	2.87	2.73	2.63	.72	.39	.49	.96	1.29	2.24	4.73	4.77	1.76	1.21	.95	1.32	1.86	.00	30.89
(2)	2.87	2.73	2.63	.72	.39	.49	.96	1.29	2.24	4.73	4.77	1.76	1.21	.95	1.32	1.86	.00	30.89
8-12	188	91	47	13	13	12	19	22	60	98	695	404	231	176	379	464	0	2912
(1)	1.45	.70	.36	.10	.10	.09	.15	.17	.46	.75	5.35	3.11	1.78	1.36	2.92	3.57	.00	22.43
(2)	1.45	.70	.36	.10	.10	.09	.15	.17	.46	.75	5.35	3.11	1.78	1.36	2.92	3.57	.00	22.43
13-18	7	0	0	0	2	3	8	4	7	3	102	169	63	35	102	91	0	596
(1)	.05	.00	.00	.00	.02	.02	.06	.03	.05	.02	.79	1.30	.49	.27	.79	.70	.00	4.59
(2)	.05	.00	.00	.00	.02	.02	.06	.03	.05	.02	.79	1.30	.49	.27	.79	.70	.00	4.59
19-24	0	0	0	0	0	0	1	0	2	0	1	13	4	0	0	0	0	21
(1)	.00	.00	.00	.00	.00	.00	.01	.00	.02	.00	.01	.10	.03	.00	.00	.00	.00	.16
(2)	.00	.00	.00	.00	.00	.00	.01	.00	.02	.00	.01	.10	.03	.00	.00	.00	.00	.16
GT 24	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	.01	.00	.00	.00	.00	.00	.01
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.01
ALL SPEEDS	674	744	1084	1377	729	533	594	571	824	1014	1568	887	501	366	688	830	0	12984
(1)	5.19	5.73	8.35	10.61	5.61	4.11	4.57	4.40	6.35	7.81	12.08	6.83	3.86	2.82	5.30	6.39	.00	100.00
(2)	5.19	5.73	8.35	10.61	5.61	4.11	4.57	4.40	6.35	7.81	12.08	6.83	3.86	2.82	5.30	6.39	.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 .50 MPH)

Table 2.7-60— SSES 33' (10m) 2001-2006 Spring JFD

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) = 7.09

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	4	6	8	3	4	2	7	7	9	3	1	0	1	0	0	57
(1)	.11	.11	.43	.65	.87	.33	.43	.22	.76	.76	.98	.33	.11	.00	.11	.00	.00	6.18
(2)	.01	.01	.03	.05	.06	.02	.03	.02	.05	.05	.07	.02	.01	.00	.01	.00	.00	.44
4-7	9	26	24	11	14	17	18	27	54	69	108	32	10	5	4	2	0	430
(1)	.98	2.82	2.60	1.19	1.52	1.84	1.95	2.93	5.85	7.48	11.70	3.47	1.08	.54	.43	.22	.00	46.59
(2)	.07	.20	.18	.08	.11	.13	.14	.21	.41	.53	.83	.25	.08	.04	.03	.02	.00	3.30
8-12	31	34	14	0	0	2	23	12	38	55	108	50	9	6	7	10	0	399
(1)	3.36	3.68	1.52	.00	.00	.22	2.49	1.30	4.12	5.96	11.70	5.42	.98	.65	.76	1.08	.00	43.23
(2)	.24	.26	.11	.00	.00	.02	.18	.09	.29	.42	.83	.38	.07	.05	.05	.08	.00	3.06
13-18	7	0	0	0	0	0	1	1	1	0	15	7	0	0	1	4	0	37
(1)	.76	.00	.00	.00	.00	.00	.11	.11	.11	.00	1.63	.76	.00	.00	.11	.43	.00	4.01
(2)	.05	.00	.00	.00	.00	.00	.01	.01	.01	.00	.12	.05	.00	.00	.01	.03	.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	48	61	42	17	22	22	46	42	100	131	240	92	20	11	13	16	0	923
(1)	5.20	6.61	4.55	1.84	2.38	2.38	4.98	4.55	10.83	14.19	26.00	9.97	2.17	1.19	1.41	1.73	.00	100.00
(2)	.37	.47	.32	.13	.17	.17	.35	.32	.77	1.01	1.84	.71	.15	.08	.10	.12	.00	7.09

(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 .50 MPH)

Table 2.7-60— SSES 33' (10m) 2001-2006 Spring JFD

SSES SPRING 01-06 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	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	5	4	9	5	3	4	5	6	3	0	0	1	0	0	0	47
(1)	.00	.43	1.07	.86	1.93	1.07	.64	.86	1.07	1.28	.64	.00	.00	.21	.00	.00	.00	10.06
(2)	.00	.02	.04	.03	.07	.04	.02	.03	.04	.05	.02	.00	.00	.01	.00	.00	.00	.36
4-7	8	15	13	4	8	7	12	9	11	28	31	10	3	1	2	3	0	165
(1)	1.71	3.21	2.78	.86	1.71	1.50	2.57	1.93	2.36	6.00	6.64	2.14	.64	.21	.43	.64	.00	35.33
(2)	.06	.12	.10	.03	.06	.05	.09	.07	.08	.22	.24	.08	.02	.01	.02	.02	.00	1.27
8-12	21	15	7	1	6	1	5	7	7	6	56	33	6	13	13	22	0	219
(1)	4.50	3.21	1.50	.21	1.28	.21	1.07	1.50	1.50	1.28	11.99	7.07	1.28	2.78	2.78	4.71	.00	46.90
(2)	.16	.12	.05	.01	.05	.01	.04	.05	.05	.05	.43	.25	.05	.10	.10	.17	.00	1.68
13-18	3	2	0	0	0	0	0	0	0	0	7	11	1	0	6	5	0	35
(1)	.64	.43	.00	.00	.00	.00	.00	.00	.00	.00	1.50	2.36	.21	.00	1.28	1.07	.00	7.49
(2)	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.05	.08	.01	.00	.05	.04	.00	.27
19-24	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	.21	.00	.00	.00	.00	.00	.00	.21
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.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	32	34	25	9	23	13	20	20	23	40	98	54	10	15	21	30	0	467
(1)	6.85	7.28	5.35	1.93	4.93	2.78	4.28	4.28	4.93	8.57	20.99	11.56	2.14	3.21	4.50	6.42	.00	100.00
(2)	.25	.26	.19	.07	.18	.10	.15	.15	.18	.31	.75	.41	.08	.12	.16	.23	.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 .50 MPH)

Table 2.7-60— SSES 33' (10m) 2001-2006 Spring JFD

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 4.85

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	3	8	6	8	6	5	7	6	5	0	1	1	0	1	0	60
(1)	.16	.32	.47	1.27	.95	1.27	.95	.79	1.11	.95	.79	.00	.16	.16	.00	.16	.00	9.49
(2)	.01	.02	.02	.06	.05	.06	.05	.04	.05	.05	.04	.00	.01	.01	.00	.01	.00	.46
4-7	15	24	21	9	13	8	13	8	17	28	49	25	6	2	3	6	0	247
(1)	2.37	3.80	3.32	1.42	2.06	1.27	2.06	1.27	2.69	4.43	7.75	3.96	.95	.32	.47	.95	.00	39.08
(2)	.12	.18	.16	.07	.10	.06	.10	.06	.13	.22	.38	.19	.05	.02	.02	.05	.00	1.90
8-12	36	19	2	2	1	4	8	5	16	5	47	45	15	11	23	26	0	265
(1)	5.70	3.01	.32	.32	.16	.63	1.27	.79	2.53	.79	7.44	7.12	2.37	1.74	3.64	4.11	.00	41.93
(2)	.28	.15	.02	.02	.01	.03	.06	.04	.12	.04	.36	.35	.12	.08	.18	.20	.00	2.04
13-18	4	1	0	0	0	0	2	0	0	0	13	20	8	1	3	6	0	58
(1)	.63	.16	.00	.00	.00	.00	.32	.00	.00	.00	2.06	3.16	1.27	.16	.47	.95	.00	9.18
(2)	.03	.01	.00	.00	.00	.00	.02	.00	.00	.00	.10	.15	.06	.01	.02	.05	.00	.45
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	.32	.00	.00	.00	.00	.00	.32
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.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	56	46	26	19	20	20	29	18	40	39	114	92	30	15	29	39	0	632
(1)	8.86	7.28	4.11	3.01	3.16	3.16	4.59	2.85	6.33	6.17	18.04	14.56	4.75	2.37	4.59	6.17	.00	100.00
(2)	.43	.35	.20	.15	.15	.15	.22	.14	.31	.30	.88	.71	.23	.12	.22	.30	.00	4.85

(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 .50 MPH)

Table 2.7-60— SSES 33' (10m) 2001-2006 Spring JFD

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 42.13

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	1	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	5
(1)	.02	.00	.02	.02	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09
(2)	.01	.00	.01	.01	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04
C-3	27	88	101	78	103	81	83	60	80	66	51	24	18	11	12	15	0	898
(1)	.49	1.60	1.84	1.42	1.88	1.48	1.51	1.09	1.46	1.20	.93	.44	.33	.20	.22	.27	.00	16.37
(2)	.21	.68	.78	.60	.79	.62	.64	.46	.61	.51	.39	.18	.14	.08	.09	.12	.00	6.90
4-7	225	305	245	102	102	124	144	132	121	156	250	118	96	116	124	127	0	2487
(1)	4.10	5.56	4.47	1.86	1.86	2.26	2.62	2.41	2.21	2.84	4.56	2.15	1.75	2.11	2.26	2.31	.00	45.33
(2)	1.73	2.34	1.88	.78	.78	.95	1.11	1.01	.93	1.20	1.92	.91	.74	.89	.95	.98	.00	19.10
8-12	224	116	43	17	23	38	48	39	54	37	158	173	143	178	282	221	0	1794
(1)	4.08	2.11	.78	.31	.42	.69	.87	.71	.98	.67	2.88	3.15	2.61	3.24	5.14	4.03	.00	32.70
(2)	1.72	.89	.33	.13	.18	.29	.37	.30	.41	.28	1.21	1.33	1.10	1.37	2.17	1.70	.00	13.78
13-18	3	1	3	0	2	3	3	1	1	3	20	69	72	50	37	26	0	294
(1)	.05	.02	.05	.00	.04	.05	.05	.02	.02	.05	.36	1.26	1.31	.91	.67	.47	.00	5.36
(2)	.02	.01	.02	.00	.02	.02	.02	.01	.01	.02	.15	.53	.55	.38	.28	.20	.00	2.26
19-24	0	0	0	0	0	0	0	0	0	0	1	4	2	0	0	1	0	8
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.07	.04	.00	.00	.02	.00	.15
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.03	.02	.00	.00	.01	.00	.06
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	480	510	393	198	232	246	278	232	256	262	480	388	331	355	455	390	0	5486
(1)	8.75	9.30	7.16	3.61	4.23	4.48	5.07	4.23	4.67	4.78	8.75	7.07	6.03	6.47	8.29	7.11	.00	100.00
(2)	3.69	3.92	3.02	1.52	1.78	1.89	2.14	1.78	1.97	2.01	3.69	2.98	2.54	2.73	3.49	3.00	.00	42.13

(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 .50 MPH)

Table 2.7-60— SSES 33' (10m) 2001-2006 Spring JFD

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 24.88

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	3	3	2	1	0	0	0	1	0	0	0	0	0	0	0	10
(1)	.00	.00	.09	.09	.06	.03	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.31
(2)	.00	.00	.02	.02	.02	.01	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.08
C-3	63	174	251	275	194	143	145	132	152	158	78	31	21	8	12	23	0	1860
(1)	1.95	5.37	7.75	8.49	5.99	4.41	4.48	4.08	4.69	4.88	2.41	.96	.65	.25	.37	.71	.00	57.43
(2)	.48	1.34	1.93	2.11	1.49	1.10	1.11	1.01	1.17	1.21	.60	.24	.16	.06	.09	.18	.00	14.28
4-7	111	190	147	38	31	30	32	52	91	130	125	56	35	19	34	51	0	1172
(1)	3.43	5.87	4.54	1.17	.96	.93	.99	1.61	2.81	4.01	3.86	1.73	1.08	.59	1.05	1.57	.00	36.18
(2)	.85	1.46	1.13	.29	.24	.23	.25	.40	.70	1.00	.96	.43	.27	.15	.26	.39	.00	9.00
8-12	20	19	12	4	8	5	2	5	23	20	36	8	5	7	5	8	0	187
(1)	.62	.59	.37	.12	.25	.15	.06	.15	.71	.62	1.11	.25	.15	.22	.15	.25	.00	5.77
(2)	.15	.15	.09	.03	.06	.04	.02	.04	.18	.15	.28	.06	.04	.05	.04	.06	.00	1.44
13-18	0	0	0	0	0	0	1	0	3	0	4	0	0	1	0	0	0	9
(1)	.00	.00	.00	.00	.00	.00	.03	.00	.09	.00	.12	.00	.00	.03	.00	.00	.00	.28
(2)	.00	.00	.00	.00	.00	.00	.01	.00	.02	.00	.03	.00	.00	.01	.00	.00	.00	.07
19-24	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	.03	.00	.00	.00	.00	.00	.00	.03
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.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	194	383	413	320	235	179	180	189	269	309	244	95	61	35	51	82	0	3239
(1)	5.99	11.82	12.75	9.88	7.26	5.53	5.56	5.84	8.31	9.54	7.53	2.93	1.88	1.08	1.57	2.53	.00	100.00
(2)	1.49	2.94	3.17	2.46	1.80	1.37	1.38	1.45	2.07	2.37	1.87	.73	.47	.27	.39	.63	.00	24.88

(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 .50 MPH)

Table 2.7-60— SSES 33' (10m) 2001-2006 Spring JFD

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 9.46

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	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.08	.08	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.24
(2)	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
C-3	10	44	195	430	178	77	54	45	46	30	27	6	4	1	4	0	0	1151
(1)	.81	3.57	15.83	34.90	14.45	6.25	4.38	3.65	3.73	2.44	2.19	.49	.32	.08	.32	.00	.00	93.43
(2)	.08	.34	1.50	3.30	1.37	.59	.41	.35	.35	.23	.21	.05	.03	.01	.03	.00	.00	8.84
4-7	7	13	11	8	1	0	0	3	6	7	12	4	1	1	2	0	0	76
(1)	.57	1.06	.89	.65	.08	.00	.00	.24	.49	.57	.97	.32	.08	.08	.16	.00	.00	6.17
(2)	.05	.10	.08	.06	.01	.00	.00	.02	.05	.05	.09	.03	.01	.01	.02	.00	.00	.58
8-12	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.00	.08	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.16
(2)	.00	.01	.01	.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	17	58	208	439	180	77	54	48	52	37	39	10	5	2	6	0	0	1232
(1)	1.38	4.71	16.88	35.63	14.61	6.25	4.38	3.90	4.22	3.00	3.17	.81	.41	.16	.49	.00	.00	100.00
(2)	.13	.45	1.60	3.37	1.38	.59	.41	.37	.40	.28	.30	.08	.04	.02	.05	.00	.00	9.46

(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 .50 MPH)

Table 2.7-60— SSES 33' (10m) 2001-2006 Spring JFD

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 8.00

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	.10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10
(2)	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
C-3	3	16	216	575	104	36	20	15	10	5	1	0	0	0	0	1	0	1002
(1)	.29	1.54	20.73	55.18	9.98	3.45	1.92	1.44	.96	.48	.10	.00	.00	.00	.00	.10	.00	96.16
(2)	.02	.12	1.66	4.42	.80	.28	.15	.12	.08	.04	.01	.00	.00	.00	.00	.01	.00	7.70
4-7	0	5	10	23	0	0	1	0	0	0	0	0	0	0	0	0	0	39
(1)	.00	.48	.96	2.21	.00	.00	.10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.74
(2)	.00	.04	.08	.18	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.30
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	21	226	599	104	36	21	15	10	5	1	0	0	0	0	1	0	1042
(1)	.29	2.02	21.69	57.49	9.98	3.45	2.02	1.44	.96	.48	.10	.00	.00	.00	.00	.10	.00	100.00
(2)	.02	.16	1.74	4.60	.80	.28	.16	.12	.08	.04	.01	.00	.00	.00	.00	.01	.00	8.00

(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 .50 MPH)

Table 2.7-60— SSES 33' (10m) 2001-2006 Spring JFD

SSES SPRING 01-06 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	5	6	5	1	0	0	0	1	0	0	0	0	0	0	0	19
(1)	.01	.00	.04	.05	.04	.01	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.15
(2)	.01	.00	.04	.05	.04	.01	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.15
C-3	105	327	775	1376	602	353	315	263	307	278	174	64	45	22	29	40	0	5075
(1)	.81	2.51	5.95	10.57	4.62	2.71	2.42	2.02	2.36	2.14	1.34	.49	.35	.17	.22	.31	.00	38.98
(2)	.81	2.51	5.95	10.57	4.62	2.71	2.42	2.02	2.36	2.14	1.34	.49	.35	.17	.22	.31	.00	38.98
4-7	375	578	471	195	169	186	220	231	300	418	575	245	151	144	169	189	0	4616
(1)	2.88	4.44	3.62	1.50	1.30	1.43	1.69	1.77	2.30	3.21	4.42	1.88	1.16	1.11	1.30	1.45	.00	35.45
(2)	2.88	4.44	3.62	1.50	1.30	1.43	1.69	1.77	2.30	3.21	4.42	1.88	1.16	1.11	1.30	1.45	.00	35.45
8-12	332	204	79	24	38	50	86	68	138	123	405	309	178	215	330	287	0	2866
(1)	2.55	1.57	.61	.18	.29	.38	.66	.52	1.06	.94	3.11	2.37	1.37	1.65	2.53	2.20	.00	22.01
(2)	2.55	1.57	.61	.18	.29	.38	.66	.52	1.06	.94	3.11	2.37	1.37	1.65	2.53	2.20	.00	22.01
13-18	17	4	3	0	2	3	7	2	5	3	59	107	81	52	47	41	0	433
(1)	.13	.03	.02	.00	.02	.02	.05	.02	.04	.02	.45	.82	.62	.40	.36	.31	.00	3.33
(2)	.13	.03	.02	.00	.02	.02	.05	.02	.04	.02	.45	.82	.62	.40	.36	.31	.00	3.33
19-24	0	0	0	0	0	0	0	0	0	0	3	6	2	0	0	1	0	12
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.05	.02	.00	.00	.01	.00	.09
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.05	.02	.00	.00	.01	.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	830	1113	1333	1601	816	593	628	564	750	823	1216	731	457	433	575	558	0	13021
(1)	6.37	8.55	10.24	12.30	6.27	4.55	4.82	4.33	5.76	6.32	9.34	5.61	3.51	3.33	4.42	4.29	.00	100.00
(2)	6.37	8.55	10.24	12.30	6.27	4.55	4.82	4.33	5.76	6.32	9.34	5.61	3.51	3.33	4.42	4.29	.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 .50 MPH)

Table 2.7-61— SSES 33' (10m) 2001-2006 Summer JFD

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) = 10.27

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	23	28	28	27	24	22	27	22	17	6	3	2	0	2	0	239
(1)	.15	.44	1.69	2.06	2.06	1.99	1.76	1.62	1.99	1.62	1.25	.44	.22	.15	.00	.15	.00	17.57
(2)	.02	.05	.17	.21	.21	.20	.18	.17	.20	.17	.13	.05	.02	.02	.00	.02	.00	1.80
4-7	26	47	43	22	17	8	33	25	46	143	253	44	7	12	5	16	0	747
(1)	1.91	3.46	3.16	1.62	1.25	.59	2.43	1.84	3.38	10.51	18.60	3.24	.51	.88	.37	1.18	.00	54.93
(2)	.20	.35	.32	.17	.13	.06	.25	.19	.35	1.08	1.91	.33	.05	.09	.04	.12	.00	5.64
8-12	27	22	0	0	0	2	2	0	2	12	166	99	21	1	7	9	0	370
(1)	1.99	1.62	.00	.00	.00	.15	.15	.00	.15	.88	12.21	7.28	1.54	.07	.51	.66	.00	27.21
(2)	.20	.17	.00	.00	.00	.02	.02	.00	.02	.09	1.25	.75	.16	.01	.05	.07	.00	2.79
13-18	2	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4
(1)	.15	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00	.00	.00	.00	.29
(2)	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.03
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	57	76	66	50	45	37	59	47	75	177	436	150	31	15	12	27	0	1360
(1)	4.19	5.59	4.85	3.68	3.31	2.72	4.34	3.46	5.51	13.01	32.06	11.03	2.28	1.10	.88	1.99	.00	100.00
(2)	.43	.57	.50	.38	.34	.28	.45	.35	.57	1.34	3.29	1.13	.23	.11	.09	.20	.00	10.27

(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 .50 MPH)

Table 2.7-61— SSES 33' (10m) 2001-2006 Summer JFD

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 4.32

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	6	1	10	17	14	12	10	6	9	3	6	1	0	0	0	1	0	96
(1)	1.05	.17	1.75	2.97	2.45	2.10	1.75	1.05	1.57	.52	1.05	.17	.00	.00	.00	.17	.00	16.78
(2)	.05	.01	.08	.13	.11	.09	.08	.05	.07	.02	.05	.01	.00	.00	.00	.01	.00	.72
4-7	15	39	25	11	4	2	11	6	10	44	95	18	9	2	4	8	0	303
(1)	2.62	6.82	4.37	1.92	.70	.35	1.92	1.05	1.75	7.69	16.61	3.15	1.57	.35	.70	1.40	.00	52.97
(2)	.11	.29	.19	.08	.03	.02	.08	.05	.08	.33	.72	.14	.07	.02	.03	.06	.00	2.29
8-12	20	9	0	0	0	1	0	0	0	5	64	33	16	5	6	12	0	171
(1)	3.50	1.57	.00	.00	.00	.17	.00	.00	.00	.87	11.19	5.77	2.80	.87	1.05	2.10	.00	29.90
(2)	.15	.07	.00	.00	.00	.01	.00	.00	.00	.04	.48	.25	.12	.04	.05	.09	.00	1.29
13-18	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
(1)	.17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.17	.00	.00	.00	.00	.00	.35
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.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	42	49	35	28	18	15	21	12	19	52	165	53	25	7	10	21	0	572
(1)	7.34	8.57	6.12	4.90	3.15	2.62	3.67	2.10	3.32	9.09	28.85	9.27	4.37	1.22	1.75	3.67	.00	100.00
(2)	.32	.37	.26	.21	.14	.11	.16	.09	.14	.39	1.25	.40	.19	.05	.08	.16	.00	4.32

(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 .50 MPH)

Table 2.7-61— SSES 33' (10m) 2001-2006 Summer JFD

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 5.43

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	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	13	11	20	22	14	13	8	16	13	6	0	3	0	1	1	0	146
(1)	.70	1.81	1.53	2.78	3.06	1.95	1.81	1.11	2.23	1.81	.83	.00	.42	.00	.14	.14	.00	20.31
(2)	.04	.10	.08	.15	.17	.11	.10	.06	.12	.10	.05	.00	.02	.00	.01	.01	.00	1.10
4-7	36	34	19	8	3	5	11	8	17	52	118	29	10	7	13	13	0	383
(1)	5.01	4.73	2.64	1.11	.42	.70	1.53	1.11	2.36	7.23	16.41	4.03	1.39	.97	1.81	1.81	.00	53.27
(2)	.27	.26	.14	.06	.02	.04	.08	.06	.13	.39	.89	.22	.08	.05	.10	.10	.00	2.89
8-12	20	5	0	0	0	0	0	0	2	1	53	51	11	4	18	16	0	181
(1)	2.78	.70	.00	.00	.00	.00	.00	.00	.28	.14	7.37	7.09	1.53	.56	2.50	2.23	.00	25.17
(2)	.15	.04	.00	.00	.00	.00	.00	.00	.02	.01	.40	.39	.08	.03	.14	.12	.00	1.37
13-18	0	0	0	0	0	0	0	0	0	0	0	5	0	0	2	2	0	9
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.70	.00	.00	.28	.28	.00	1.25
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.00	.00	.02	.02	.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	61	52	30	28	25	19	24	16	35	66	177	85	24	11	34	32	0	719
(1)	8.48	7.23	4.17	3.89	3.48	2.64	3.34	2.23	4.87	9.18	24.62	11.82	3.34	1.53	4.73	4.45	.00	100.00
(2)	.46	.39	.23	.21	.19	.14	.18	.12	.26	.50	1.34	.64	.18	.08	.26	.24	.00	5.43

(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 .50 MPH)

Table 2.7-61— SSES 33' (10m) 2001-2006 Summer JFD

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 29.75

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	49	131	186	168	162	127	140	101	145	146	104	34	13	7	11	10	0	1534
(1)	1.24	3.32	4.72	4.26	4.11	3.22	3.55	2.56	3.68	3.70	2.64	.86	.33	.18	.28	.25	.00	38.92
(2)	.37	.99	1.40	1.27	1.22	.96	1.06	.76	1.09	1.10	.79	.26	.10	.05	.08	.08	.00	11.58
4-7	165	210	100	36	37	65	104	93	145	246	376	127	45	43	58	111	0	1961
(1)	4.19	5.33	2.54	.91	.94	1.65	2.64	2.36	3.68	6.24	9.54	3.22	1.14	1.09	1.47	2.82	.00	49.76
(2)	1.25	1.59	.75	.27	.28	.49	.79	.70	1.09	1.86	2.84	.96	.34	.32	.44	.84	.00	14.80
8-12	47	21	1	0	1	3	2	1	8	8	145	81	21	9	43	48	0	439
(1)	1.19	.53	.03	.00	.03	.08	.05	.03	.20	.20	3.68	2.06	.53	.23	1.09	1.22	.00	11.14
(2)	.35	.16	.01	.00	.01	.02	.02	.01	.06	.06	1.09	.61	.16	.07	.32	.36	.00	3.31
13-18	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	7
(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	.05	.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	261	362	287	204	200	195	246	195	298	400	625	249	79	59	112	169	0	3941
(1)	6.62	9.19	7.28	5.18	5.07	4.95	6.24	4.95	7.56	10.15	15.86	6.32	2.00	1.50	2.84	4.29	.00	100.00
(2)	1.97	2.73	2.17	1.54	1.51	1.47	1.86	1.47	2.25	3.02	4.72	1.88	.60	.45	.85	1.28	.00	29.75

(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 .50 MPH)

Table 2.7-61— SSES 33' (10m) 2001-2006 Summer JFD

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 30.03

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	67	221	479	637	429	251	243	194	275	191	58	21	12	11	11	8	0	3108
(1)	1.68	5.56	12.04	16.01	10.78	6.31	6.11	4.88	6.91	4.80	1.46	.53	.30	.28	.28	.20	.00	78.13
(2)	.51	1.67	3.62	4.81	3.24	1.89	1.83	1.46	2.08	1.44	.44	.16	.09	.08	.08	.06	.00	23.46
4-7	88	141	48	13	8	17	29	21	63	161	128	23	8	13	19	44	0	824
(1)	2.21	3.54	1.21	.33	.20	.43	.73	.53	1.58	4.05	3.22	.58	.20	.33	.48	1.11	.00	20.71
(2)	.66	1.06	.36	.10	.06	.13	.22	.16	.48	1.22	.97	.17	.06	.10	.14	.33	.00	6.22
8-12	6	5	0	0	0	0	1	3	5	1	7	3	3	2	4	6	0	46
(1)	.15	.13	.00	.00	.00	.00	.03	.08	.13	.03	.18	.08	.08	.05	.10	.15	.00	1.16
(2)	.05	.04	.00	.00	.00	.00	.01	.02	.04	.01	.05	.02	.02	.02	.03	.05	.00	.35
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	161	367	527	650	437	268	273	218	343	353	193	47	23	26	34	58	0	3978
(1)	4.05	9.23	13.25	16.34	10.99	6.74	6.86	5.48	8.62	8.87	4.85	1.18	.58	.65	.85	1.46	.00	100.00
(2)	1.22	2.77	3.98	4.91	3.30	2.02	2.06	1.65	2.59	2.66	1.46	.35	.17	.20	.26	.44	.00	30.03

(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 .50 MPH)

Table 2.7-61— SSES 33' (10m) 2001-2006 Summer JFD

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 15.10

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	7	44	205	1015	360	113	72	38	49	32	11	1	0	1	3	3	0	1954
(1)	.35	2.20	10.25	50.75	18.00	5.65	3.60	1.90	2.45	1.60	.55	.05	.00	.05	.15	.15	.00	97.70
(2)	.05	.33	1.55	7.66	2.72	.85	.54	.29	.37	.24	.08	.01	.00	.01	.02	.02	.00	14.75
4-7	3	14	6	15	1	0	0	0	0	3	2	0	0	0	1	1	0	46
(1)	.15	.70	.30	.75	.05	.00	.00	.00	.00	.15	.10	.00	.00	.00	.05	.05	.00	2.30
(2)	.02	.11	.05	.11	.01	.00	.00	.00	.00	.02	.02	.00	.00	.00	.01	.01	.00	.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	10	58	211	1030	361	113	72	38	49	35	13	1	0	1	4	4	0	2000
(1)	.50	2.90	10.55	51.50	18.05	5.65	3.60	1.90	2.45	1.75	.65	.05	.00	.05	.20	.20	.00	100.00
(2)	.08	.44	1.59	7.78	2.73	.85	.54	.29	.37	.26	.10	.01	.00	.01	.03	.03	.00	15.10

(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 .50 MPH)

Table 2.7-61— SSES 33' (10m) 2001-2006 Summer JFD

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 5.10

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	5	87	450	77	24	8	5	5	1	1	0	0	0	1	1	0	665
(1)	.00	.74	12.87	66.57	11.39	3.55	1.18	.74	.74	.15	.15	.00	.00	.00	.15	.15	.00	98.37
(2)	.00	.04	.66	3.40	.58	.18	.06	.04	.04	.01	.01	.00	.00	.00	.01	.01	.00	5.02
4-7	1	0	0	8	0	0	0	0	0	1	1	0	0	0	0	0	0	11
(1)	.15	.00	.00	1.18	.00	.00	.00	.00	.00	.15	.15	.00	.00	.00	.00	.00	.00	1.63
(2)	.01	.00	.00	.06	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.08
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	5	87	458	77	24	8	5	5	2	2	0	0	0	1	1	0	676
(1)	.15	.74	12.87	67.75	11.39	3.55	1.18	.74	.74	.30	.30	.00	.00	.00	.15	.15	.00	100.00
(2)	.01	.04	.66	3.46	.58	.18	.06	.04	.04	.02	.02	.00	.00	.00	.01	.01	.00	5.10

(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 .50 MPH)

Table 2.7-61— SSES 33' (10m) 2001-2006 Summer JFD

SSES SUMMER 01-06 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	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	136	421	1001	2335	1092	568	510	374	526	408	203	63	31	21	27	26	0	7742
(1)	1.03	3.18	7.56	17.63	8.24	4.29	3.85	2.82	3.97	3.08	1.53	.48	.23	.16	.20	.20	.00	58.45
(2)	1.03	3.18	7.56	17.63	8.24	4.29	3.85	2.82	3.97	3.08	1.53	.48	.23	.16	.20	.20	.00	58.45
4-7	334	485	241	113	70	97	188	153	281	650	973	241	79	77	100	193	0	4275
(1)	2.52	3.66	1.82	.85	.53	.73	1.42	1.16	2.12	4.91	7.35	1.82	.60	.58	.75	1.46	.00	32.27
(2)	2.52	3.66	1.82	.85	.53	.73	1.42	1.16	2.12	4.91	7.35	1.82	.60	.58	.75	1.46	.00	32.27
8-12	120	62	1	0	1	6	5	4	17	27	435	267	72	21	78	91	0	1207
(1)	.91	.47	.01	.00	.01	.05	.04	.03	.13	.20	3.28	2.02	.54	.16	.59	.69	.00	9.11
(2)	.91	.47	.01	.00	.01	.05	.04	.03	.13	.20	3.28	2.02	.54	.16	.59	.69	.00	9.11
13-18	3	1	0	0	0	0	0	0	0	0	0	14	0	0	2	2	0	22
(1)	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11	.00	.00	.02	.02	.00	.17
(2)	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11	.00	.00	.02	.02	.00	.17
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	593	969	1243	2448	1163	671	703	531	824	1085	1611	585	182	119	207	312	0	13246
(1)	4.48	7.32	9.38	18.48	8.78	5.07	5.31	4.01	6.22	8.19	12.16	4.42	1.37	.90	1.56	2.36	.00	100.00
(2)	4.48	7.32	9.38	18.48	8.78	5.07	5.31	4.01	6.22	8.19	12.16	4.42	1.37	.90	1.56	2.36	.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 .50 MPH)

Table 2.7-62— SSES 33' (10m) 2001-2006 Autumn JFD

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) = 3.51

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	5	5	6	12	17	10	7	7	6	8	8	1	0	1	2	0	95
(1)	.00	1.11	1.11	1.33	2.66	3.77	2.22	1.55	1.55	1.33	1.77	1.77	.22	.00	.22	.44	.00	21.06
(2)	.00	.04	.04	.05	.09	.13	.08	.05	.05	.05	.06	.06	.01	.00	.01	.02	.00	.74
4-7	6	16	19	4	4	2	13	25	32	45	70	16	2	0	5	3	0	262
(1)	1.33	3.55	4.21	.89	.89	.44	2.88	5.54	7.10	9.98	15.52	3.55	.44	.00	1.11	.67	.00	58.09
(2)	.05	.12	.15	.03	.03	.02	.10	.19	.25	.35	.54	.12	.02	.00	.04	.02	.00	2.04
8-12	10	2	4	0	0	0	1	6	9	8	37	11	1	2	0	3	0	94
(1)	2.22	.44	.89	.00	.00	.00	.22	1.33	2.00	1.77	8.20	2.44	.22	.44	.00	.67	.00	20.84
(2)	.08	.02	.03	.00	.00	.00	.01	.05	.07	.06	.29	.09	.01	.02	.00	.02	.00	.73
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	16	23	28	10	16	19	24	38	48	59	115	35	4	2	6	8	0	451
(1)	3.55	5.10	6.21	2.22	3.55	4.21	5.32	8.43	10.64	13.08	25.50	7.76	.89	.44	1.33	1.77	.00	100.00
(2)	.12	.18	.22	.08	.12	.15	.19	.30	.37	.46	.89	.27	.03	.02	.05	.06	.00	3.51

(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 .50 MPH)

Table 2.7-62— SSES 33' (10m) 2001-2006 Autumn JFD

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 2.51

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	0	6	7	8	4	4	1	5	8	7	0	0	1	0	0	0	54
(1)	.93	.00	1.86	2.17	2.48	1.24	1.24	.31	1.55	2.48	2.17	.00	.00	.31	.00	.00	.00	16.72
(2)	.02	.00	.05	.05	.06	.03	.03	.01	.04	.06	.05	.00	.00	.01	.00	.00	.00	.42
4-7	6	15	11	3	0	0	8	5	11	18	53	14	3	1	5	3	0	156
(1)	1.86	4.64	3.41	.93	.00	.00	2.48	1.55	3.41	5.57	16.41	4.33	.93	.31	1.55	.93	.00	48.30
(2)	.05	.12	.09	.02	.00	.00	.06	.04	.09	.14	.41	.11	.02	.01	.04	.02	.00	1.21
8-12	2	6	0	0	0	0	4	3	6	2	36	20	9	5	2	8	0	103
(1)	.62	1.86	.00	.00	.00	.00	1.24	.93	1.86	.62	11.15	6.19	2.79	1.55	.62	2.48	.00	31.89
(2)	.02	.05	.00	.00	.00	.00	.03	.02	.05	.02	.28	.16	.07	.04	.02	.06	.00	.80
13-18	0	0	0	0	0	0	0	0	0	0	7	1	0	0	0	2	0	10
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.17	.31	.00	.00	.00	.62	.00	3.10
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.01	.00	.00	.00	.02	.00	.08
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	21	17	10	8	4	16	9	22	28	103	35	12	7	7	13	0	323
(1)	3.41	6.50	5.26	3.10	2.48	1.24	4.95	2.79	6.81	8.67	31.89	10.84	3.72	2.17	2.17	4.02	.00	100.00
(2)	.09	.16	.13	.08	.06	.03	.12	.07	.17	.22	.80	.27	.09	.05	.05	.10	.00	2.51

(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 .50 MPH)

Table 2.7-62— SSES 33' (10m) 2001-2006 Autumn JFD

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS C — 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	5	8	6	7	5	7	5	7	9	1	3	1	0	1	0	67
(1)	.20	.20	1.01	1.62	1.21	1.42	1.01	1.42	1.01	1.42	1.82	.20	.61	.20	.00	.20	.00	13.56
(2)	.01	.01	.04	.06	.05	.05	.04	.05	.04	.05	.07	.01	.02	.01	.00	.01	.00	.52
4-7	9	32	17	6	0	5	9	11	22	20	80	22	7	9	3	4	0	256
(1)	1.82	6.48	3.44	1.21	.00	1.01	1.82	2.23	4.45	4.05	16.19	4.45	1.42	1.82	.61	.81	.00	51.82
(2)	.07	.25	.13	.05	.00	.04	.07	.09	.17	.16	.62	.17	.05	.07	.02	.03	.00	1.99
8-12	25	14	0	0	1	0	4	5	7	5	31	31	12	2	5	11	0	153
(1)	5.06	2.83	.00	.00	.20	.00	.81	1.01	1.42	1.01	6.28	6.28	2.43	.40	1.01	2.23	.00	30.97
(2)	.19	.11	.00	.00	.01	.00	.03	.04	.05	.04	.24	.24	.09	.02	.04	.09	.00	1.19
13-18	0	0	0	0	0	0	0	0	0	0	7	8	0	0	1	2	0	18
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.42	1.62	.00	.00	.20	.40	.00	3.64
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.06	.00	.00	.01	.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	35	47	22	14	7	12	18	23	34	32	127	62	22	12	9	18	0	494
(1)	7.09	9.51	4.45	2.83	1.42	2.43	3.64	4.66	6.88	6.48	25.71	12.55	4.45	2.43	1.82	3.64	.00	100.00
(2)	.27	.37	.17	.11	.05	.09	.14	.18	.26	.25	.99	.48	.17	.09	.07	.14	.00	3.84

(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 .50 MPH)

Table 2.7-62— SSES 33' (10m) 2001-2006 Autumn JFD

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 35.66

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	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
C-3	32	118	137	113	121	119	113	98	101	93	62	39	7	13	15	9	0	1190
(1)	.70	2.57	2.99	2.46	2.64	2.59	2.46	2.14	2.20	2.03	1.35	.85	.15	.28	.33	.20	.00	25.95
(2)	.25	.92	1.07	.88	.94	.93	.88	.76	.79	.72	.48	.30	.05	.10	.12	.07	.00	9.25
4-7	193	306	184	48	29	60	132	99	131	158	234	118	91	77	82	116	0	2058
(1)	4.21	6.67	4.01	1.05	.63	1.31	2.88	2.16	2.86	3.45	5.10	2.57	1.98	1.68	1.79	2.53	.00	44.88
(2)	1.50	2.38	1.43	.37	.23	.47	1.03	.77	1.02	1.23	1.82	.92	.71	.60	.64	.90	.00	16.00
8-12	101	37	2	5	1	4	46	26	28	28	155	135	91	87	185	139	0	1070
(1)	2.20	.81	.04	.11	.02	.09	1.00	.57	.61	.61	3.38	2.94	1.98	1.90	4.03	3.03	.00	23.33
(2)	.79	.29	.02	.04	.01	.03	.36	.20	.22	.22	1.21	1.05	.71	.68	1.44	1.08	.00	8.32
13-18	4	0	0	3	0	0	5	12	8	0	25	83	20	30	30	19	0	239
(1)	.09	.00	.00	.07	.00	.00	.11	.26	.17	.00	.55	1.81	.44	.65	.65	.41	.00	5.21
(2)	.03	.00	.00	.02	.00	.00	.04	.09	.06	.00	.19	.65	.16	.23	.23	.15	.00	1.86
19-24	0	0	0	0	0	0	0	0	0	0	1	17	7	1	2	0	0	28
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.37	.15	.02	.04	.00	.00	.61
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.13	.05	.01	.02	.00	.00	.22
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	330	461	323	170	151	183	296	235	268	279	477	392	216	208	314	283	0	4586
(1)	7.20	10.05	7.04	3.71	3.29	3.99	6.45	5.12	5.84	6.08	10.40	8.55	4.71	4.54	6.85	6.17	.00	100.00
(2)	2.57	3.58	2.51	1.32	1.17	1.42	2.30	1.83	2.08	2.17	3.71	3.05	1.68	1.62	2.44	2.20	.00	35.66

(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 .50 MPH)

Table 2.7-62— SSES 33' (10m) 2001-2006 Autumn JFD

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 31.66

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	1	0	0	0	0	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.00	.05	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
(2)	.00	.00	.00	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
C-3	67	231	369	435	310	196	199	194	230	165	83	21	15	5	9	12	0	2541
(1)	1.65	5.67	9.06	10.68	7.61	4.81	4.89	4.76	5.65	4.05	2.04	.52	.37	.12	.22	.29	.00	62.40
(2)	.52	1.80	2.87	3.38	2.41	1.52	1.55	1.51	1.79	1.28	.65	.16	.12	.04	.07	.09	.00	19.76
4-7	87	234	117	29	13	20	32	60	124	197	135	68	34	19	32	51	0	1252
(1)	2.14	5.75	2.87	.71	.32	.49	.79	1.47	3.05	4.84	3.32	1.67	.83	.47	.79	1.25	.00	30.75
(2)	.68	1.82	.91	.23	.10	.16	.25	.47	.96	1.53	1.05	.53	.26	.15	.25	.40	.00	9.73
8-12	6	22	13	8	2	8	13	29	36	27	34	22	1	1	5	12	0	239
(1)	.15	.54	.32	.20	.05	.20	.32	.71	.88	.66	.83	.54	.02	.02	.12	.29	.00	5.87
(2)	.05	.17	.10	.06	.02	.06	.10	.23	.28	.21	.26	.17	.01	.01	.04	.09	.00	1.86
13-18	0	3	0	3	0	7	7	6	3	0	3	4	0	0	0	0	0	36
(1)	.00	.07	.00	.07	.00	.17	.17	.15	.07	.00	.07	.10	.00	.00	.00	.00	.00	.88
(2)	.00	.02	.00	.02	.00	.05	.05	.05	.02	.00	.02	.03	.00	.00	.00	.00	.00	.28
19-24	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.01	.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	160	491	499	477	326	231	251	289	393	389	255	115	50	25	46	75	0	4072
(1)	3.93	12.06	12.25	11.71	8.01	5.67	6.16	7.10	9.65	9.55	6.26	2.82	1.23	.61	1.13	1.84	.00	100.00
(2)	1.24	3.82	3.88	3.71	2.53	1.80	1.95	2.25	3.06	3.02	1.98	.89	.39	.19	.36	.58	.00	31.66

(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 .50 MPH)

Table 2.7-62— SSES 33' (10m) 2001-2006 Autumn JFD

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 13.29

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	0	0	0	1
(1)	.00	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06
(2)	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
C-3	11	55	226	763	255	82	57	55	68	34	12	4	1	1	3	4	0	1631
(1)	.64	3.22	13.22	44.65	14.92	4.80	3.34	3.22	3.98	1.99	.70	.23	.06	.06	.18	.23	.00	95.44
(2)	.09	.43	1.76	5.93	1.98	.64	.44	.43	.53	.26	.09	.03	.01	.01	.02	.03	.00	12.68
4-7	0	14	13	25	0	0	0	3	2	9	6	3	0	0	0	2	0	77
(1)	.00	.82	.76	1.46	.00	.00	.00	.18	.12	.53	.35	.18	.00	.00	.00	.12	.00	4.51
(2)	.00	.11	.10	.19	.00	.00	.00	.02	.02	.07	.05	.02	.00	.00	.00	.02	.00	.60
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	11	70	239	788	255	82	57	58	70	43	18	7	1	1	3	6	0	1709
(1)	.64	4.10	13.98	46.11	14.92	4.80	3.34	3.39	4.10	2.52	1.05	.41	.06	.06	.18	.35	.00	100.00
(2)	.09	.54	1.86	6.13	1.98	.64	.44	.45	.54	.33	.14	.05	.01	.01	.02	.05	.00	13.29

(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 .50 MPH)

Table 2.7-62— SSES 33' (10m) 2001-2006 Autumn JFD

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 9.54

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
C-3	6	13	172	763	148	43	23	9	11	4	4	0	0	0	1	2	0	1199
(1)	.49	1.06	14.02	62.18	12.06	3.50	1.87	.73	.90	.33	.33	.00	.00	.00	.08	.16	.00	97.72
(2)	.05	.10	1.34	5.93	1.15	.33	.18	.07	.09	.03	.03	.00	.00	.00	.01	.02	.00	9.32
4-7	1	0	6	19	1	0	0	0	0	0	0	0	0	0	0	0	0	27
(1)	.08	.00	.49	1.55	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.20
(2)	.01	.00	.05	.15	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.21
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	8	13	178	782	149	43	23	9	11	4	4	0	0	0	1	2	0	1227
(1)	.65	1.06	14.51	63.73	12.14	3.50	1.87	.73	.90	.33	.33	.00	.00	.00	.08	.16	.00	100.00
(2)	.06	.10	1.38	6.08	1.16	.33	.18	.07	.09	.03	.03	.00	.00	.00	.01	.02	.00	9.54

(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 .50 MPH)

Table 2.7-62— SSES 33' (10m) 2001-2006 Autumn JFD

SSES FALL 01-06 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	3	1	0	0	0	0	0	0	0	0	0	0	0	0	6
(1)	.01	.01	.00	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
(2)	.01	.01	.00	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
C-3	120	423	920	2095	860	468	411	371	427	317	185	73	27	21	29	30	0	6777
(1)	.93	3.29	7.15	16.29	6.69	3.64	3.20	2.88	3.32	2.46	1.44	.57	.21	.16	.23	.23	.00	52.69
(2)	.93	3.29	7.15	16.29	6.69	3.64	3.20	2.88	3.32	2.46	1.44	.57	.21	.16	.23	.23	.00	52.69
4-7	302	617	367	134	47	87	194	203	322	447	578	241	137	106	127	179	0	4088
(1)	2.35	4.80	2.85	1.04	.37	.68	1.51	1.58	2.50	3.48	4.49	1.87	1.07	.82	.99	1.39	.00	31.78
(2)	2.35	4.80	2.85	1.04	.37	.68	1.51	1.58	2.50	3.48	4.49	1.87	1.07	.82	.99	1.39	.00	31.78
8-12	144	81	19	13	4	12	68	69	86	70	293	219	114	97	197	173	0	1659
(1)	1.12	.63	.15	.10	.03	.09	.53	.54	.67	.54	2.28	1.70	.89	.75	1.53	1.35	.00	12.90
(2)	1.12	.63	.15	.10	.03	.09	.53	.54	.67	.54	2.28	1.70	.89	.75	1.53	1.35	.00	12.90
13-18	4	3	0	6	0	7	12	18	11	0	42	96	20	30	31	23	0	303
(1)	.03	.02	.00	.05	.00	.05	.09	.14	.09	.00	.33	.75	.16	.23	.24	.18	.00	2.36
(2)	.03	.02	.00	.05	.00	.05	.09	.14	.09	.00	.33	.75	.16	.23	.24	.18	.00	2.36
19-24	0	1	0	0	0	0	0	0	0	0	1	17	7	1	2	0	0	29
(1)	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.13	.05	.01	.02	.00	.00	.23
(2)	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.13	.05	.01	.02	.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	571	1126	1306	2251	912	574	685	661	846	834	1099	646	305	255	386	405	0	12862
(1)	4.44	8.75	10.15	17.50	7.09	4.46	5.33	5.14	6.58	6.48	8.54	5.02	2.37	1.98	3.00	3.15	.00	100.00
(2)	4.44	8.75	10.15	17.50	7.09	4.46	5.33	5.14	6.58	6.48	8.54	5.02	2.37	1.98	3.00	3.15	.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 .50 MPH)

Table 2.7-63— SSES 33' (10m) 2001-2006 January JFD

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 1.84

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	0	0	0	2	1	1	2	0	1	1	0	0	0	0	0	0	8
(1)	.00	.00	.00	.00	2.44	1.22	1.22	2.44	.00	1.22	1.22	.00	.00	.00	.00	.00	.00	9.76
(2)	.00	.00	.00	.00	.04	.02	.02	.04	.00	.02	.02	.00	.00	.00	.00	.00	.00	.18
4-7	0	0	0	0	0	0	1	1	9	12	10	2	1	1	0	0	0	37
(1)	.00	.00	.00	.00	.00	.00	1.22	1.22	10.98	14.63	12.20	2.44	1.22	1.22	.00	.00	.00	45.12
(2)	.00	.00	.00	.00	.00	.00	.02	.02	.20	.27	.22	.04	.02	.02	.00	.00	.00	.83
8-12	0	0	0	0	0	0	0	0	0	5	16	7	2	0	0	0	0	30
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	6.10	19.51	8.54	2.44	.00	.00	.00	.00	36.59
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11	.36	.16	.04	.00	.00	.00	.00	.67
13-18	0	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	0	7
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.44	6.10	.00	.00	.00	.00	.00	8.54
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.11	.00	.00	.00	.00	.00	.16
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	2	1	2	3	9	18	29	14	3	1	0	0	0	82
(1)	.00	.00	.00	.00	2.44	1.22	2.44	3.66	10.98	21.95	35.37	17.07	3.66	1.22	.00	.00	.00	100.00
(2)	.00	.00	.00	.00	.04	.02	.04	.07	.20	.40	.65	.31	.07	.02	.00	.00	.00	1.84

(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 .50 MPH)

Table 2.7-63— SSES 33' (10m) 2001-2006 January JFD

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 1.66

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	1	0	2	0	1	0	1	0	0	1	0	0	7
(1)	.00	.00	.00	.00	1.35	1.35	.00	2.70	.00	1.35	.00	1.35	.00	.00	1.35	.00	.00	9.46
(2)	.00	.00	.00	.00	.02	.02	.00	.04	.00	.02	.00	.02	.00	.00	.02	.00	.00	.16
4-7	0	1	2	0	0	0	0	2	2	3	6	1	2	1	1	1	0	22
(1)	.00	1.35	2.70	.00	.00	.00	.00	2.70	2.70	4.05	8.11	1.35	2.70	1.35	1.35	1.35	.00	29.73
(2)	.00	.02	.04	.00	.00	.00	.00	.04	.04	.07	.13	.02	.04	.02	.02	.02	.00	.49
8-12	2	8	1	0	0	0	0	0	0	2	12	8	2	5	1	0	0	41
(1)	2.70	10.81	1.35	.00	.00	.00	.00	.00	.00	2.70	16.22	10.81	2.70	6.76	1.35	.00	.00	55.41
(2)	.04	.18	.02	.00	.00	.00	.00	.00	.00	.04	.27	.18	.04	.11	.02	.00	.00	.92
13-18	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.35	4.05	.00	.00	.00	.00	.00	5.41
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.07	.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	2	9	3	0	1	1	0	4	2	6	19	13	4	6	3	1	0	74
(1)	2.70	12.16	4.05	.00	1.35	1.35	.00	5.41	2.70	8.11	25.68	17.57	5.41	8.11	4.05	1.35	.00	100.00
(2)	.04	.20	.07	.00	.02	.02	.00	.09	.04	.13	.43	.29	.09	.13	.07	.02	.00	1.66

(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 .50 MPH)

Table 2.7-63— SSES 33' (10m) 2001-2006 January JFD

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 2.49

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	0	0	0	0	1	4	2	0	4	2	1	0	0	0	0	0	0	14
(1)	.00	.00	.00	.00	.90	3.60	1.80	.00	3.60	1.80	.90	.00	.00	.00	.00	.00	.00	12.61
(2)	.00	.00	.00	.00	.02	.09	.04	.00	.09	.04	.02	.00	.00	.00	.00	.00	.00	.31
4-7	2	4	2	0	1	0	0	3	3	2	9	4	1	2	2	1	0	36
(1)	1.80	3.60	1.80	.00	.90	.00	.00	2.70	2.70	1.80	8.11	3.60	.90	1.80	1.80	.90	.00	32.43
(2)	.04	.09	.04	.00	.02	.00	.00	.07	.07	.04	.20	.09	.02	.04	.04	.02	.00	.81
8-12	6	1	0	0	0	0	0	0	0	0	23	9	3	4	3	6	0	55
(1)	5.41	.90	.00	.00	.00	.00	.00	.00	.00	.00	20.72	8.11	2.70	3.60	2.70	5.41	.00	49.55
(2)	.13	.02	.00	.00	.00	.00	.00	.00	.00	.00	.52	.20	.07	.09	.07	.13	.00	1.23
13-18	0	0	0	0	0	0	0	0	0	0	0	4	2	0	0	0	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.60	1.80	.00	.00	.00	.00	5.41
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.04	.00	.00	.00	.00	.13
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	8	5	2	0	2	4	2	3	7	4	33	17	6	6	5	7	0	111
(1)	7.21	4.50	1.80	.00	1.80	3.60	1.80	2.70	6.31	3.60	29.73	15.32	5.41	5.41	4.50	6.31	.00	100.00
(2)	.18	.11	.04	.00	.04	.09	.04	.07	.16	.09	.74	.38	.13	.13	.11	.16	.00	2.49

(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 .50 MPH)

Table 2.7-63— SSES 33' (10m) 2001-2006 January JFD

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 50.31

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	39	49	49	48	39	55	35	48	39	24	11	5	8	9	6	0	480
(1)	.71	1.74	2.18	2.18	2.14	1.74	2.45	1.56	2.14	1.74	1.07	.49	.22	.36	.40	.27	.00	21.37
(2)	.36	.87	1.10	1.10	1.08	.87	1.23	.78	1.08	.87	.54	.25	.11	.18	.20	.13	.00	10.75
4-7	117	79	86	11	7	9	30	26	49	94	106	46	40	42	52	68	0	862
(1)	5.21	3.52	3.83	.49	.31	.40	1.34	1.16	2.18	4.19	4.72	2.05	1.78	1.87	2.32	3.03	.00	38.38
(2)	2.62	1.77	1.93	.25	.16	.20	.67	.58	1.10	2.11	2.37	1.03	.90	.94	1.16	1.52	.00	19.31
8-12	75	19	13	4	1	2	3	5	3	11	159	103	63	49	98	145	0	753
(1)	3.34	.85	.58	.18	.04	.09	.13	.22	.13	.49	7.08	4.59	2.80	2.18	4.36	6.46	.00	33.53
(2)	1.68	.43	.29	.09	.02	.04	.07	.11	.07	.25	3.56	2.31	1.41	1.10	2.20	3.25	.00	16.87
13-18	5	0	0	0	0	2	2	0	0	1	11	49	11	8	29	32	0	150
(1)	.22	.00	.00	.00	.00	.09	.09	.00	.00	.04	.49	2.18	.49	.36	1.29	1.42	.00	6.68
(2)	.11	.00	.00	.00	.00	.04	.04	.00	.00	.02	.25	1.10	.25	.18	.65	.72	.00	3.36
19-24	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	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04
(2)	.00	.00	.00	.00	.00	.00	.02	.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	213	137	148	64	56	52	91	66	100	145	300	209	119	107	188	251	0	2246
(1)	9.48	6.10	6.59	2.85	2.49	2.32	4.05	2.94	4.45	6.46	13.36	9.31	5.30	4.76	8.37	11.18	.00	100.00
(2)	4.77	3.07	3.32	1.43	1.25	1.16	2.04	1.48	2.24	3.25	6.72	4.68	2.67	2.40	4.21	5.62	.00	50.31

(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 .50 MPH)

Table 2.7-63— SSES 33' (10m) 2001-2006 January JFD

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 28.49

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	19	59	93	86	59	66	77	61	96	53	13	11	12	9	9	3	0	726
(1)	1.49	4.64	7.31	6.76	4.64	5.19	6.05	4.80	7.55	4.17	1.02	.86	.94	.71	.71	.24	.00	57.08
(2)	.43	1.32	2.08	1.93	1.32	1.48	1.72	1.37	2.15	1.19	.29	.25	.27	.20	.20	.07	.00	16.26
4-7	49	66	52	6	9	9	1	8	30	73	85	19	12	5	9	21	0	454
(1)	3.85	5.19	4.09	.47	.71	.71	.08	.63	2.36	5.74	6.68	1.49	.94	.39	.71	1.65	.00	35.69
(2)	1.10	1.48	1.16	.13	.20	.20	.02	.18	.67	1.64	1.90	.43	.27	.11	.20	.47	.00	10.17
8-12	12	5	7	0	0	1	0	2	7	12	17	9	3	1	4	5	0	85
(1)	.94	.39	.55	.00	.00	.08	.00	.16	.55	.94	1.34	.71	.24	.08	.31	.39	.00	6.68
(2)	.27	.11	.16	.00	.00	.02	.00	.04	.16	.27	.38	.20	.07	.02	.09	.11	.00	1.90
13-18	0	0	0	0	0	0	1	1	3	0	0	2	0	0	0	0	0	7
(1)	.00	.00	.00	.00	.00	.00	.08	.08	.24	.00	.00	.16	.00	.00	.00	.00	.00	.55
(2)	.00	.00	.00	.00	.00	.00	.02	.02	.07	.00	.00	.04	.00	.00	.00	.00	.00	.16
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	80	130	152	92	68	76	79	72	136	138	115	41	27	15	22	29	0	1272
(1)	6.29	10.22	11.95	7.23	5.35	5.97	6.21	5.66	10.69	10.85	9.04	3.22	2.12	1.18	1.73	2.28	.00	100.00
(2)	1.79	2.91	3.41	2.06	1.52	1.70	1.77	1.61	3.05	3.09	2.58	.92	.60	.34	.49	.65	.00	28.49

(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 .50 MPH)

Table 2.7-63— SSES 33' (10m) 2001-2006 January JFD

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 8.49

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	4	10	51	112	64	30	20	21	35	10	4	1	0	1	0	1	0	364
(1)	1.06	2.64	13.46	29.55	16.89	7.92	5.28	5.54	9.23	2.64	1.06	.26	.00	.26	.00	.26	.00	96.04
(2)	.09	.22	1.14	2.51	1.43	.67	.45	.47	.78	.22	.09	.02	.00	.02	.00	.02	.00	8.15
4-7	0	0	1	0	0	0	0	3	3	3	3	0	1	0	0	1	0	15
(1)	.00	.00	.26	.00	.00	.00	.00	.79	.79	.79	.79	.00	.26	.00	.00	.26	.00	3.96
(2)	.00	.00	.02	.00	.00	.00	.00	.07	.07	.07	.07	.00	.02	.00	.00	.02	.00	.34
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	10	52	112	64	30	20	24	38	13	7	1	1	1	0	2	0	379
(1)	1.06	2.64	13.72	29.55	16.89	7.92	5.28	6.33	10.03	3.43	1.85	.26	.26	.26	.00	.53	.00	100.00
(2)	.09	.22	1.16	2.51	1.43	.67	.45	.54	.85	.29	.16	.02	.02	.02	.00	.04	.00	8.49

(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 .50 MPH)

Table 2.7-63— SSES 33' (10m) 2001-2006 January JFD

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 6.72

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	1	4	46	156	37	14	10	11	8	3	0	1	0	0	0	0	0	291
(1)	.33	1.33	15.33	52.00	12.33	4.67	3.33	3.67	2.67	1.00	.00	.33	.00	.00	.00	.00	.00	97.00
(2)	.02	.09	1.03	3.49	.83	.31	.22	.25	.18	.07	.00	.02	.00	.00	.00	.00	.00	6.52
4-7	0	0	2	3	0	0	0	0	0	4	0	0	0	0	0	0	0	9
(1)	.00	.00	.67	1.00	.00	.00	.00	.00	.00	1.33	.00	.00	.00	.00	.00	.00	.00	3.00
(2)	.00	.00	.04	.07	.00	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00	.00	.00	.20
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	4	48	159	37	14	10	11	8	7	0	1	0	0	0	0	0	300
(1)	.33	1.33	16.00	53.00	12.33	4.67	3.33	3.67	2.67	2.33	.00	.33	.00	.00	.00	.00	.00	100.00
(2)	.02	.09	1.08	3.56	.83	.31	.22	.25	.18	.16	.00	.02	.00	.00	.00	.00	.00	6.72

(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 .50 MPH)

Table 2.7-63— SSES 33' (10m) 2001-2006 January JFD

SSES 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	40	112	239	403	212	155	165	132	191	109	43	25	17	18	19	10	0	1890
(1)	.90	2.51	5.35	9.03	4.75	3.47	3.70	2.96	4.28	2.44	.96	.56	.38	.40	.43	.22	.00	42.34
(2)	.90	2.51	5.35	9.03	4.75	3.47	3.70	2.96	4.28	2.44	.96	.56	.38	.40	.43	.22	.00	42.34
4-7	168	150	145	20	17	18	32	43	96	191	219	72	57	51	64	92	0	1435
(1)	3.76	3.36	3.25	.45	.38	.40	.72	.96	2.15	4.28	4.91	1.61	1.28	1.14	1.43	2.06	.00	32.15
(2)	3.76	3.36	3.25	.45	.38	.40	.72	.96	2.15	4.28	4.91	1.61	1.28	1.14	1.43	2.06	.00	32.15
8-12	95	33	21	4	1	3	3	7	10	30	227	136	73	59	106	156	0	964
(1)	2.13	.74	.47	.09	.02	.07	.07	.16	.22	.67	5.09	3.05	1.64	1.32	2.37	3.49	.00	21.59
(2)	2.13	.74	.47	.09	.02	.07	.07	.16	.22	.67	5.09	3.05	1.64	1.32	2.37	3.49	.00	21.59
13-18	5	0	0	0	0	2	3	1	3	1	14	63	13	8	29	32	0	174
(1)	.11	.00	.00	.00	.00	.04	.07	.02	.07	.02	.31	1.41	.29	.18	.65	.72	.00	3.90
(2)	.11	.00	.00	.00	.00	.04	.07	.02	.07	.02	.31	1.41	.29	.18	.65	.72	.00	3.90
19-24	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	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.00	.00	.00	.00	.00	.02	.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	308	295	405	427	230	178	204	183	300	331	503	296	160	136	218	290	0	4464
(1)	6.90	6.61	9.07	9.57	5.15	3.99	4.57	4.10	6.72	7.41	11.27	6.63	3.58	3.05	4.88	6.50	.00	100.00
(2)	6.90	6.61	9.07	9.57	5.15	3.99	4.57	4.10	6.72	7.41	11.27	6.63	3.58	3.05	4.88	6.50	.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 .50 MPH)

Table 2.7-64— SSES 33' (10m) 2001-2006 February JFD

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS A — 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	0	1	0	0	1	1	0	0	3	2	1	1	0	0	0	0	0	10
(1)	.00	.65	.00	.00	.65	.65	.00	.00	1.96	1.31	.65	.65	.00	.00	.00	.00	.00	6.54
(2)	.00	.02	.00	.00	.02	.02	.00	.00	.07	.05	.02	.02	.00	.00	.00	.00	.00	.25
4-7	0	1	7	3	1	2	4	1	4	20	29	3	0	2	0	1	0	78
(1)	.00	.65	4.58	1.96	.65	1.31	2.61	.65	2.61	13.07	18.95	1.96	.00	1.31	.00	.65	.00	50.98
(2)	.00	.02	.17	.07	.02	.05	.10	.02	.10	.49	.71	.07	.00	.05	.00	.02	.00	1.92
8-12	0	1	2	0	0	0	2	1	6	5	34	4	2	0	1	0	0	58
(1)	.00	.65	1.31	.00	.00	.00	1.31	.65	3.92	3.27	22.22	2.61	1.31	.00	.65	.00	.00	37.91
(2)	.00	.02	.05	.00	.00	.00	.05	.02	.15	.12	.84	.10	.05	.00	.02	.00	.00	1.43
13-18	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	7
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.58	.00	.00	.00	.00	.00	.00	4.58
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.17	.00	.00	.00	.00	.00	.00	.17
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	3	9	3	2	3	6	2	13	27	71	8	2	2	1	1	0	153
(1)	.00	1.96	5.88	1.96	1.31	1.96	3.92	1.31	8.50	17.65	46.41	5.23	1.31	1.31	.65	.65	.00	100.00
(2)	.00	.07	.22	.07	.05	.07	.15	.05	.32	.67	1.75	.20	.05	.05	.02	.02	.00	3.77

(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 .50 MPH)

Table 2.7-64— SSES 33' (10m) 2001-2006 February JFD

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 3.16

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	1	0	1	0	3	1	0	1	3	2	0	1	0	0	0	0	0	13
(1)	.78	.00	.78	.00	2.34	.78	.00	.78	2.34	1.56	.00	.78	.00	.00	.00	.00	.00	10.16
(2)	.02	.00	.02	.00	.07	.02	.00	.02	.07	.05	.00	.02	.00	.00	.00	.00	.00	.32
4-7	1	3	10	1	2	0	1	2	2	6	8	4	0	0	0	2	0	42
(1)	.78	2.34	7.81	.78	1.56	.00	.78	1.56	1.56	4.69	6.25	3.13	.00	.00	.00	1.56	.00	32.81
(2)	.02	.07	.25	.02	.05	.00	.02	.05	.05	.15	.20	.10	.00	.00	.00	.05	.00	1.04
8-12	3	4	4	0	0	0	0	0	4	4	36	7	2	0	0	1	0	65
(1)	2.34	3.13	3.13	.00	.00	.00	.00	.00	3.13	3.13	28.13	5.47	1.56	.00	.00	.78	.00	50.78
(2)	.07	.10	.10	.00	.00	.00	.00	.00	.10	.10	.89	.17	.05	.00	.00	.02	.00	1.60
13-18	0	0	0	0	0	0	0	0	0	1	5	2	0	0	0	0	0	8
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.78	3.91	1.56	.00	.00	.00	.00	.00	6.25
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.12	.05	.00	.00	.00	.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	5	7	15	1	5	1	1	3	9	13	49	14	2	0	0	3	0	128
(1)	3.91	5.47	11.72	.78	3.91	.78	.78	2.34	7.03	10.16	38.28	10.94	1.56	.00	.00	2.34	.00	100.00
(2)	.12	.17	.37	.02	.12	.02	.02	.07	.22	.32	1.21	.35	.05	.00	.00	.07	.00	3.16

(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 .50 MPH)

Table 2.7-64— SSES 33' (10m) 2001-2006 February JFD

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 4.14

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	2	1	7	5	2	2	4	4	1	0	1	0	0	0	0	31
(1)	.00	1.19	1.19	.60	4.17	2.98	1.19	1.19	2.38	2.38	.60	.00	.60	.00	.00	.00	.00	18.45
(2)	.00	.05	.05	.02	.17	.12	.05	.05	.10	.10	.02	.00	.02	.00	.00	.00	.00	.76
4-7	1	8	6	5	1	1	3	0	6	9	13	4	1	0	1	0	0	59
(1)	.60	4.76	3.57	2.98	.60	.60	1.79	.00	3.57	5.36	7.74	2.38	.60	.00	.60	.00	.00	35.12
(2)	.02	.20	.15	.12	.02	.02	.07	.00	.15	.22	.32	.10	.02	.00	.02	.00	.00	1.45
8-12	7	0	3	0	0	0	1	0	3	8	21	8	5	3	2	4	0	65
(1)	4.17	.00	1.79	.00	.00	.00	.60	.00	1.79	4.76	12.50	4.76	2.98	1.79	1.19	2.38	.00	38.69
(2)	.17	.00	.07	.00	.00	.00	.02	.00	.07	.20	.52	.20	.12	.07	.05	.10	.00	1.60
13-18	0	0	0	0	0	0	0	0	0	0	6	1	5	0	0	1	0	13
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.57	.60	2.98	.00	.00	.60	.00	7.74
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.15	.02	.12	.00	.00	.02	.00	.32
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	8	10	11	6	8	6	6	2	13	21	41	13	12	3	3	5	0	168
(1)	4.76	5.95	6.55	3.57	4.76	3.57	3.57	1.19	7.74	12.50	24.40	7.74	7.14	1.79	1.79	2.98	.00	100.00
(2)	.20	.25	.27	.15	.20	.15	.15	.05	.32	.52	1.01	.32	.30	.07	.07	.12	.00	4.14

(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 .50 MPH)

Table 2.7-64— SSES 33' (10m) 2001-2006 February JFD

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 46.57

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
C-3	15	35	36	30	25	32	27	22	18	21	18	11	4	1	8	7	0	310
(1)	.79	1.85	1.91	1.59	1.32	1.69	1.43	1.16	.95	1.11	.95	.58	.21	.05	.42	.37	.00	16.41
(2)	.37	.86	.89	.74	.62	.79	.67	.54	.44	.52	.44	.27	.10	.02	.20	.17	.00	7.64
4-7	58	51	61	23	11	19	22	39	35	55	49	40	32	34	44	60	0	633
(1)	3.07	2.70	3.23	1.22	.58	1.01	1.16	2.06	1.85	2.91	2.59	2.12	1.69	1.80	2.33	3.18	.00	33.51
(2)	1.43	1.26	1.50	.57	.27	.47	.54	.96	.86	1.36	1.21	.99	.79	.84	1.08	1.48	.00	15.61
8-12	33	25	5	4	4	2	5	7	17	19	110	95	72	51	137	145	0	731
(1)	1.75	1.32	.26	.21	.21	.11	.26	.37	.90	1.01	5.82	5.03	3.81	2.70	7.25	7.68	.00	38.70
(2)	.81	.62	.12	.10	.10	.05	.12	.17	.42	.47	2.71	2.34	1.78	1.26	3.38	3.57	.00	18.02
13-18	1	0	0	0	0	0	0	0	0	0	43	35	26	18	46	35	0	204
(1)	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.28	1.85	1.38	.95	2.44	1.85	.00	10.80
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.06	.86	.64	.44	1.13	.86	.00	5.03
19-24	0	0	0	0	0	0	0	0	0	0	1	5	4	0	0	0	0	10
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.26	.21	.00	.00	.00	.00	.53
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.12	.10	.00	.00	.00	.00	.25
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	107	112	102	57	40	53	54	68	70	95	221	186	138	104	235	247	0	1889
(1)	5.66	5.93	5.40	3.02	2.12	2.81	2.86	3.60	3.71	5.03	11.70	9.85	7.31	5.51	12.44	13.08	.00	100.00
(2)	2.64	2.76	2.51	1.41	.99	1.31	1.33	1.68	1.73	2.34	5.45	4.59	3.40	2.56	5.79	6.09	.00	46.57

(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 .50 MPH)

Table 2.7-64— SSES 33' (10m) 2001-2006 February JFD

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 26.38

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	34	82	71	75	49	54	44	55	49	27	10	3	3	2	4	0	576
(1)	1.31	3.18	7.66	6.64	7.01	4.58	5.05	4.11	5.14	4.58	2.52	.93	.28	.28	.19	.37	.00	53.83
(2)	.35	.84	2.02	1.75	1.85	1.21	1.33	1.08	1.36	1.21	.67	.25	.07	.07	.05	.10	.00	14.20
4-7	45	25	23	6	6	6	14	22	35	92	74	20	7	6	15	18	0	414
(1)	4.21	2.34	2.15	.56	.56	.56	1.31	2.06	3.27	8.60	6.92	1.87	.65	.56	1.40	1.68	.00	38.69
(2)	1.11	.62	.57	.15	.15	.15	.35	.54	.86	2.27	1.82	.49	.17	.15	.37	.44	.00	10.21
8-12	5	4	3	1	2	0	0	2	8	8	22	8	2	0	0	7	0	72
(1)	.47	.37	.28	.09	.19	.00	.00	.19	.75	.75	2.06	.75	.19	.00	.00	.65	.00	6.73
(2)	.12	.10	.07	.02	.05	.00	.00	.05	.20	.20	.54	.20	.05	.00	.00	.17	.00	1.78
13-18	0	0	0	0	0	0	3	0	0	0	1	2	0	0	1	1	0	8
(1)	.00	.00	.00	.00	.00	.00	.28	.00	.00	.00	.09	.19	.00	.00	.09	.09	.00	.75
(2)	.00	.00	.00	.00	.00	.00	.07	.00	.00	.00	.02	.05	.00	.00	.02	.02	.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	64	63	108	78	83	55	71	68	98	149	124	40	12	9	18	30	0	1070
(1)	5.98	5.89	10.09	7.29	7.76	5.14	6.64	6.36	9.16	13.93	11.59	3.74	1.12	.84	1.68	2.80	.00	100.00
(2)	1.58	1.55	2.66	1.92	2.05	1.36	1.75	1.68	2.42	3.67	3.06	.99	.30	.22	.44	.74	.00	26.38

(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 .50 MPH)

Table 2.7-64— SSES 33' (10m) 2001-2006 February JFD

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS F — CLASS FREQUENCY (PERCENT) = 9.54

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	3	16	54	141	52	32	20	16	22	7	0	1	2	0	0	0	0	366
(1)	.78	4.13	13.95	36.43	13.44	8.27	5.17	4.13	5.68	1.81	.00	.26	.52	.00	.00	.00	.00	94.57
(2)	.07	.39	1.33	3.48	1.28	.79	.49	.39	.54	.17	.00	.02	.05	.00	.00	.00	.00	9.02
4-7	2	4	2	2	0	0	0	1	2	3	1	2	0	0	0	2	0	21
(1)	.52	1.03	.52	.52	.00	.00	.00	.26	.52	.78	.26	.52	.00	.00	.00	.52	.00	5.43
(2)	.05	.10	.05	.05	.00	.00	.00	.02	.05	.07	.02	.05	.00	.00	.00	.05	.00	.52
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	20	56	143	52	32	20	17	24	10	1	3	2	0	0	2	0	387
(1)	1.29	5.17	14.47	36.95	13.44	8.27	5.17	4.39	6.20	2.58	.26	.78	.52	.00	.00	.52	.00	100.00
(2)	.12	.49	1.38	3.53	1.28	.79	.49	.42	.59	.25	.02	.07	.05	.00	.00	.05	.00	9.54

(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 .50 MPH)

Table 2.7-64— SSES 33' (10m) 2001-2006 February JFD

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS G — CLASS FREQUENCY (PERCENT) = 6.43

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	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	43	151	35	9	10	4	3	1	0	0	0	0	0	0	0	258
(1)	.00	.77	16.48	57.85	13.41	3.45	3.83	1.53	1.15	.38	.00	.00	.00	.00	.00	.00	.00	98.85
(2)	.00	.05	1.06	3.72	.86	.22	.25	.10	.07	.02	.00	.00	.00	.00	.00	.00	.00	6.36
4-7	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.77	.38	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.15
(2)	.00	.00	.05	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
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	2	45	152	35	9	10	4	3	1	0	0	0	0	0	0	0	261
(1)	.00	.77	17.24	58.24	13.41	3.45	3.83	1.53	1.15	.38	.00	.00	.00	.00	.00	.00	.00	100.00
(2)	.00	.05	1.11	3.75	.86	.22	.25	.10	.07	.02	.00	.00	.00	.00	.00	.00	.00	6.43

(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 .50 MPH)

Table 2.7-64— SSES 33' (10m) 2001-2006 February JFD

SSES 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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
C-3	33	90	218	394	198	129	113	89	108	86	47	24	10	4	10	11	0	1564
(1)	.81	2.22	5.37	9.71	4.88	3.18	2.79	2.19	2.66	2.12	1.16	.59	.25	.10	.25	.27	.00	38.56
(2)	.81	2.22	5.37	9.71	4.88	3.18	2.79	2.19	2.66	2.12	1.16	.59	.25	.10	.25	.27	.00	38.56
4-7	107	92	111	41	21	28	44	65	84	185	174	73	40	42	60	83	0	1250
(1)	2.64	2.27	2.74	1.01	.52	.69	1.08	1.60	2.07	4.56	4.29	1.80	.99	1.04	1.48	2.05	.00	30.82
(2)	2.64	2.27	2.74	1.01	.52	.69	1.08	1.60	2.07	4.56	4.29	1.80	.99	1.04	1.48	2.05	.00	30.82
8-12	48	34	17	5	6	2	8	10	38	44	223	122	83	54	140	157	0	991
(1)	1.18	.84	.42	.12	.15	.05	.20	.25	.94	1.08	5.50	3.01	2.05	1.33	3.45	3.87	.00	24.43
(2)	1.18	.84	.42	.12	.15	.05	.20	.25	.94	1.08	5.50	3.01	2.05	1.33	3.45	3.87	.00	24.43
13-18	1	0	0	0	0	0	3	0	0	1	62	40	31	18	47	37	0	240
(1)	.02	.00	.00	.00	.00	.00	.07	.00	.00	.02	1.53	.99	.76	.44	1.16	.91	.00	5.92
(2)	.02	.00	.00	.00	.00	.00	.07	.00	.00	.02	1.53	.99	.76	.44	1.16	.91	.00	5.92
19-24	0	0	0	0	0	0	0	0	0	0	1	5	4	0	0	0	0	10
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.12	.10	.00	.00	.00	.00	.25
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.12	.10	.00	.00	.00	.00	.25
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	189	217	346	440	225	159	168	164	230	316	507	264	168	118	257	288	0	4056
(1)	4.66	5.35	8.53	10.85	5.55	3.92	4.14	4.04	5.67	7.79	12.50	6.51	4.14	2.91	6.34	7.10	.00	100.00
(2)	4.66	5.35	8.53	10.85	5.55	3.92	4.14	4.04	5.67	7.79	12.50	6.51	4.14	2.91	6.34	7.10	.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 .50 MPH)

Table 2.7-65— SSES 33' (10m) 2001-2006 March JFD

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) = 5.69

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	1	1	1	2	1	2	2	2	3	4	0	1	0	0	0	0	20
(1)	.00	.39	.39	.39	.79	.39	.79	.79	.79	1.18	1.57	.00	.39	.00	.00	.00	.00	7.87
(2)	.00	.02	.02	.02	.04	.02	.04	.04	.04	.07	.09	.00	.02	.00	.00	.00	.00	.45
4-7	2	2	4	4	1	2	3	5	9	17	26	17	7	2	3	0	0	104
(1)	.79	.79	1.57	1.57	.39	.79	1.18	1.97	3.54	6.69	10.24	6.69	2.76	.79	1.18	.00	.00	40.94
(2)	.04	.04	.09	.09	.02	.04	.07	.11	.20	.38	.58	.38	.16	.04	.07	.00	.00	2.33
8-12	0	2	2	0	0	1	16	2	18	23	31	9	5	0	3	2	0	114
(1)	.00	.79	.79	.00	.00	.39	6.30	.79	7.09	9.06	12.20	3.54	1.97	.00	1.18	.79	.00	44.88
(2)	.00	.04	.04	.00	.00	.02	.36	.04	.40	.52	.69	.20	.11	.00	.07	.04	.00	2.55
13-18	0	0	0	0	0	0	0	0	0	0	10	4	0	0	0	2	0	16
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.94	1.57	.00	.00	.00	.79	.00	6.30
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.22	.09	.00	.00	.00	.04	.00	.36
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	5	7	5	3	4	21	9	29	43	71	30	13	2	6	4	0	254
(1)	.79	1.97	2.76	1.97	1.18	1.57	8.27	3.54	11.42	16.93	27.95	11.81	5.12	.79	2.36	1.57	.00	100.00
(2)	.04	.11	.16	.11	.07	.09	.47	.20	.65	.96	1.59	.67	.29	.04	.13	.09	.00	5.69

(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 .50 MPH)

Table 2.7-65— SSES 33' (10m) 2001-2006 March JFD

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 3.23

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	1	1	2	0	2	3	2	0	0	0	1	0	0	0	14
(1)	.00	.00	1.39	.69	.69	1.39	.00	1.39	2.08	1.39	.00	.00	.00	.69	.00	.00	.00	9.72
(2)	.00	.00	.04	.02	.02	.04	.00	.04	.07	.04	.00	.00	.00	.02	.00	.00	.00	.31
4-7	5	2	3	1	1	2	4	5	7	10	5	3	2	0	0	3	0	53
(1)	3.47	1.39	2.08	.69	.69	1.39	2.78	3.47	4.86	6.94	3.47	2.08	1.39	.00	.00	2.08	.00	36.81
(2)	.11	.04	.07	.02	.02	.04	.09	.11	.16	.22	.11	.07	.04	.00	.00	.07	.00	1.19
8-12	1	0	0	0	1	0	1	3	2	4	17	15	4	5	5	8	0	66
(1)	.69	.00	.00	.00	.69	.00	.69	2.08	1.39	2.78	11.81	10.42	2.78	3.47	3.47	5.56	.00	45.83
(2)	.02	.00	.00	.00	.02	.00	.02	.07	.04	.09	.38	.34	.09	.11	.11	.18	.00	1.48
13-18	0	0	0	0	0	0	0	0	0	0	4	5	0	0	1	0	0	10
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.78	3.47	.00	.00	.69	.00	.00	6.94
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.11	.00	.00	.02	.00	.00	.22
19-24	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	.69	.00	.00	.00	.00	.00	.00	.69
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.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	6	2	5	2	3	4	5	10	12	16	27	23	6	6	6	11	0	144
(1)	4.17	1.39	3.47	1.39	2.08	2.78	3.47	6.94	8.33	11.11	18.75	15.97	4.17	4.17	4.17	7.64	.00	100.00
(2)	.13	.04	.11	.04	.07	.09	.11	.22	.27	.36	.60	.52	.13	.13	.13	.25	.00	3.23

(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 .50 MPH)

Table 2.7-65— SSES 33' (10m) 2001-2006 March JFD

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 3.92

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	0	2	3	1	1	1	1	3	3	2	0	1	1	0	0	0	19
(1)	.00	.00	1.14	1.71	.57	.57	.57	.57	1.71	1.71	1.14	.00	.57	.57	.00	.00	.00	10.86
(2)	.00	.00	.04	.07	.02	.02	.02	.02	.07	.07	.04	.00	.02	.02	.00	.00	.00	.43
4-7	5	7	6	1	2	0	2	2	1	5	12	12	3	0	1	1	0	60
(1)	2.86	4.00	3.43	.57	1.14	.00	1.14	1.14	.57	2.86	6.86	6.86	1.71	.00	.57	.57	.00	34.29
(2)	.11	.16	.13	.02	.04	.00	.04	.04	.02	.11	.27	.27	.07	.00	.02	.02	.00	1.34
8-12	5	1	1	0	0	0	4	1	8	1	11	11	7	2	13	11	0	76
(1)	2.86	.57	.57	.00	.00	.00	2.29	.57	4.57	.57	6.29	6.29	4.00	1.14	7.43	6.29	.00	43.43
(2)	.11	.02	.02	.00	.00	.00	.09	.02	.18	.02	.25	.25	.16	.04	.29	.25	.00	1.70
13-18	0	0	0	0	0	0	0	0	0	0	6	6	2	1	3	1	0	19
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.43	3.43	1.14	.57	1.71	.57	.00	10.86
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.13	.13	.04	.02	.07	.02	.00	.43
19-24	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	.57	.00	.00	.00	.00	.00	.57
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.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	8	9	4	3	1	7	4	12	9	31	30	13	4	17	13	0	175
(1)	5.71	4.57	5.14	2.29	1.71	.57	4.00	2.29	6.86	5.14	17.71	17.14	7.43	2.29	9.71	7.43	.00	100.00
(2)	.22	.18	.20	.09	.07	.02	.16	.09	.27	.20	.69	.67	.29	.09	.38	.29	.00	3.92

(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 .50 MPH)

Table 2.7-65— SSES 33' (10m) 2001-2006 March JFD

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 46.53

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	30	25	22	37	21	25	18	30	17	15	5	5	6	6	9	0	282
(1)	.53	1.44	1.20	1.06	1.78	1.01	1.20	.87	1.44	.82	.72	.24	.24	.29	.29	.43	.00	13.58
(2)	.25	.67	.56	.49	.83	.47	.56	.40	.67	.38	.34	.11	.11	.13	.13	.20	.00	6.32
4-7	90	90	78	38	32	32	46	37	31	38	77	49	47	64	72	73	0	894
(1)	4.33	4.33	3.76	1.83	1.54	1.54	2.21	1.78	1.49	1.83	3.71	2.36	2.26	3.08	3.47	3.51	.00	43.04
(2)	2.02	2.02	1.75	.85	.72	.72	1.03	.83	.69	.85	1.72	1.10	1.05	1.43	1.61	1.64	.00	20.03
8-12	67	22	23	7	1	6	15	22	26	19	30	87	69	106	140	90	0	730
(1)	3.23	1.06	1.11	.34	.05	.29	.72	1.06	1.25	.91	1.44	4.19	3.32	5.10	6.74	4.33	.00	35.15
(2)	1.50	.49	.52	.16	.02	.13	.34	.49	.58	.43	.67	1.95	1.55	2.37	3.14	2.02	.00	16.35
13-18	1	0	3	0	0	1	0	0	0	3	5	38	47	30	18	19	0	165
(1)	.05	.00	.14	.00	.00	.05	.00	.00	.00	.14	.24	1.83	2.26	1.44	.87	.91	.00	7.94
(2)	.02	.00	.07	.00	.00	.02	.00	.00	.00	.07	.11	.85	1.05	.67	.40	.43	.00	3.70
19-24	0	0	0	0	0	0	0	0	0	0	1	3	2	0	0	0	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.14	.10	.00	.00	.00	.00	.29
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.07	.04	.00	.00	.00	.00	.13
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	169	142	129	67	70	60	86	77	87	77	128	182	170	206	236	191	0	2077
(1)	8.14	6.84	6.21	3.23	3.37	2.89	4.14	3.71	4.19	3.71	6.16	8.76	8.18	9.92	11.36	9.20	.00	100.00
(2)	3.79	3.18	2.89	1.50	1.57	1.34	1.93	1.72	1.95	1.72	2.87	4.08	3.81	4.61	5.29	4.28	.00	46.53

(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 .50 MPH)

Table 2.7-65— SSES 33' (10m) 2001-2006 March JFD

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 23.77

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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
C-3	30	47	67	74	58	46	51	46	39	52	41	16	10	5	4	7	0	593
(1)	2.83	4.43	6.31	6.97	5.47	4.34	4.81	4.34	3.68	4.90	3.86	1.51	.94	.47	.38	.66	.00	55.89
(2)	.67	1.05	1.50	1.66	1.30	1.03	1.14	1.03	.87	1.16	.92	.36	.22	.11	.09	.16	.00	13.28
4-7	38	72	44	6	8	10	6	16	21	41	49	25	19	10	15	10	0	390
(1)	3.58	6.79	4.15	.57	.75	.94	.57	1.51	1.98	3.86	4.62	2.36	1.79	.94	1.41	.94	.00	36.76
(2)	.85	1.61	.99	.13	.18	.22	.13	.36	.47	.92	1.10	.56	.43	.22	.34	.22	.00	8.74
8-12	7	11	5	0	1	3	1	4	11	6	11	1	1	5	1	3	0	71
(1)	.66	1.04	.47	.00	.09	.28	.09	.38	1.04	.57	1.04	.09	.09	.47	.09	.28	.00	6.69
(2)	.16	.25	.11	.00	.02	.07	.02	.09	.25	.13	.25	.02	.02	.11	.02	.07	.00	1.59
13-18	0	0	0	0	0	0	1	0	3	0	0	0	0	1	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.09	.00	.28	.00	.00	.00	.00	.09	.00	.00	.00	.47
(2)	.00	.00	.00	.00	.00	.00	.02	.00	.07	.00	.00	.00	.00	.02	.00	.00	.00	.11
19-24	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	.09	.00	.00	.00	.00	.00	.00	.09
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.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	75	130	117	80	67	59	59	66	74	99	102	42	30	21	20	20	0	1061
(1)	7.07	12.25	11.03	7.54	6.31	5.56	5.56	6.22	6.97	9.33	9.61	3.96	2.83	1.98	1.89	1.89	.00	100.00
(2)	1.68	2.91	2.62	1.79	1.50	1.32	1.32	1.48	1.66	2.22	2.28	.94	.67	.47	.45	.45	.00	23.77

(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 .50 MPH)

Table 2.7-65— SSES 33' (10m) 2001-2006 March JFD

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS F — CLASS FREQUENCY (PERCENT) = 9.12

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	6	18	78	121	56	30	16	16	14	8	6	2	0	0	3	0	0	374
(1)	1.47	4.42	19.16	29.73	13.76	7.37	3.93	3.93	3.44	1.97	1.47	.49	.00	.00	.74	.00	.00	91.89
(2)	.13	.40	1.75	2.71	1.25	.67	.36	.36	.31	.18	.13	.04	.00	.00	.07	.00	.00	8.38
4-7	1	6	5	3	0	0	0	2	2	3	7	2	0	1	1	0	0	33
(1)	.25	1.47	1.23	.74	.00	.00	.00	.49	.49	.74	1.72	.49	.00	.25	.25	.00	.00	8.11
(2)	.02	.13	.11	.07	.00	.00	.00	.04	.04	.07	.16	.04	.00	.02	.02	.00	.00	.74
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	7	24	83	124	56	30	16	18	16	11	13	4	0	1	4	0	0	407
(1)	1.72	5.90	20.39	30.47	13.76	7.37	3.93	4.42	3.93	2.70	3.19	.98	.00	.25	.98	.00	.00	100.00
(2)	.16	.54	1.86	2.78	1.25	.67	.36	.40	.36	.25	.29	.09	.00	.02	.09	.00	.00	9.12

(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 .50 MPH)

Table 2.7-65— SSES 33' (10m) 2001-2006 March JFD

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS G — CLASS FREQUENCY (PERCENT) = 7.75

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	6	80	180	26	9	12	5	5	1	1	0	0	0	0	0	0	328
(1)	.87	1.73	23.12	52.02	7.51	2.60	3.47	1.45	1.45	.29	.29	.00	.00	.00	.00	.00	.00	94.80
(2)	.07	.13	1.79	4.03	.58	.20	.27	.11	.11	.02	.02	.00	.00	.00	.00	.00	.00	7.35
4-7	0	1	7	9	0	0	1	0	0	0	0	0	0	0	0	0	0	18
(1)	.00	.29	2.02	2.60	.00	.00	.29	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.20
(2)	.00	.02	.16	.20	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.40
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	7	87	189	26	9	13	5	5	1	1	0	0	0	0	0	0	346
(1)	.87	2.02	25.14	54.62	7.51	2.60	3.76	1.45	1.45	.29	.29	.00	.00	.00	.00	.00	.00	100.00
(2)	.07	.16	1.95	4.23	.58	.20	.29	.11	.11	.02	.02	.00	.00	.00	.00	.00	.00	7.75

(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 .50 MPH)

Table 2.7-65— SSES 33' (10m) 2001-2006 March JFD

SSES 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	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
C-3	50	102	255	402	181	110	107	90	96	86	69	23	17	13	13	16	0	1630
(1)	1.12	2.28	5.71	9.01	4.05	2.46	2.40	2.02	2.15	1.93	1.55	.52	.38	.29	.29	.36	.00	36.51
(2)	1.12	2.28	5.71	9.01	4.05	2.46	2.40	2.02	2.15	1.93	1.55	.52	.38	.29	.29	.36	.00	36.51
4-7	141	180	147	62	44	46	62	67	71	114	176	108	78	77	92	87	0	1552
(1)	3.16	4.03	3.29	1.39	.99	1.03	1.39	1.50	1.59	2.55	3.94	2.42	1.75	1.72	2.06	1.95	.00	34.77
(2)	3.16	4.03	3.29	1.39	.99	1.03	1.39	1.50	1.59	2.55	3.94	2.42	1.75	1.72	2.06	1.95	.00	34.77
8-12	80	36	31	7	3	10	37	32	65	53	100	123	86	118	162	114	0	1057
(1)	1.79	.81	.69	.16	.07	.22	.83	.72	1.46	1.19	2.24	2.76	1.93	2.64	3.63	2.55	.00	23.68
(2)	1.79	.81	.69	.16	.07	.22	.83	.72	1.46	1.19	2.24	2.76	1.93	2.64	3.63	2.55	.00	23.68
13-18	1	0	3	0	0	1	1	0	3	3	25	53	49	32	22	22	0	215
(1)	.02	.00	.07	.00	.00	.02	.02	.00	.07	.07	.56	1.19	1.10	.72	.49	.49	.00	4.82
(2)	.02	.00	.07	.00	.00	.02	.02	.00	.07	.07	.56	1.19	1.10	.72	.49	.49	.00	4.82
19-24	0	0	0	0	0	0	0	0	0	0	3	4	2	0	0	0	0	9
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.09	.04	.00	.00	.00	.00	.20
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.09	.04	.00	.00	.00	.00	.20
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	272	318	437	471	228	167	207	189	235	256	373	311	232	240	289	239	0	4464
(1)	6.09	7.12	9.79	10.55	5.11	3.74	4.64	4.23	5.26	5.73	8.36	6.97	5.20	5.38	6.47	5.35	.00	100.00
(2)	6.09	7.12	9.79	10.55	5.11	3.74	4.64	4.23	5.26	5.73	8.36	6.97	5.20	5.38	6.47	5.35	.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 .50 MPH)

Table 2.7-66— SSES 33' (10m) 2001-2006 April JFD

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) = 8.77

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	0	2	5	1	2	0	1	4	3	2	0	0	0	0	0	21
(1)	.26	.00	.00	.53	1.32	.26	.53	.00	.26	1.06	.79	.53	.00	.00	.00	.00	.00	5.56
(2)	.02	.00	.00	.05	.12	.02	.05	.00	.02	.09	.07	.05	.00	.00	.00	.00	.00	.49
4-7	6	14	8	4	7	6	4	6	27	28	41	9	1	2	1	0	0	164
(1)	1.59	3.70	2.12	1.06	1.85	1.59	1.06	1.59	7.14	7.41	10.85	2.38	.26	.53	.26	.00	.00	43.39
(2)	.14	.32	.19	.09	.16	.14	.09	.14	.63	.65	.95	.21	.02	.05	.02	.00	.00	3.80
8-12	15	25	11	0	0	1	7	7	10	22	43	24	3	4	3	6	0	181
(1)	3.97	6.61	2.91	.00	.00	.26	1.85	1.85	2.65	5.82	11.38	6.35	.79	1.06	.79	1.59	.00	47.88
(2)	.35	.58	.26	.00	.00	.02	.16	.16	.23	.51	1.00	.56	.07	.09	.07	.14	.00	4.20
13-18	1	0	0	0	0	0	1	1	1	0	4	2	0	0	1	1	0	12
(1)	.26	.00	.00	.00	.00	.00	.26	.26	.26	.00	1.06	.53	.00	.00	.26	.26	.00	3.17
(2)	.02	.00	.00	.00	.00	.00	.02	.02	.02	.00	.09	.05	.00	.00	.02	.02	.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	23	39	19	6	12	8	14	14	39	54	91	37	4	6	5	7	0	378
(1)	6.08	10.32	5.03	1.59	3.17	2.12	3.70	3.70	10.32	14.29	24.07	9.79	1.06	1.59	1.32	1.85	.00	100.00
(2)	.53	.90	.44	.14	.28	.19	.32	.32	.90	1.25	2.11	.86	.09	.14	.12	.16	.00	8.77

(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 .50 MPH)

Table 2.7-66— SSES 33' (10m) 2001-2006 April JFD

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 3.64

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	2	1	1	2	1	1	0	0	0	0	0	0	12
(1)	.00	.64	.00	.64	1.27	1.27	.64	.64	1.27	.64	.64	.00	.00	.00	.00	.00	.00	7.64
(2)	.00	.02	.00	.02	.05	.05	.02	.02	.05	.02	.02	.00	.00	.00	.00	.00	.00	.28
4-7	2	8	4	1	3	2	3	0	2	7	11	3	0	1	0	0	0	47
(1)	1.27	5.10	2.55	.64	1.91	1.27	1.91	.00	1.27	4.46	7.01	1.91	.00	.64	.00	.00	.00	29.94
(2)	.05	.19	.09	.02	.07	.05	.07	.00	.05	.16	.26	.07	.00	.02	.00	.00	.00	1.09
8-12	8	12	5	0	2	1	4	1	4	1	14	11	1	3	7	6	0	80
(1)	5.10	7.64	3.18	.00	1.27	.64	2.55	.64	2.55	.64	8.92	7.01	.64	1.91	4.46	3.82	.00	50.96
(2)	.19	.28	.12	.00	.05	.02	.09	.02	.09	.02	.32	.26	.02	.07	.16	.14	.00	1.86
13-18	0	1	0	0	0	0	0	0	0	0	3	4	1	0	5	4	0	18
(1)	.00	.64	.00	.00	.00	.00	.00	.00	.00	.00	1.91	2.55	.64	.00	3.18	2.55	.00	11.46
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.07	.09	.02	.00	.12	.09	.00	.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	10	22	9	2	7	5	8	2	8	9	29	18	2	4	12	10	0	157
(1)	6.37	14.01	5.73	1.27	4.46	3.18	5.10	1.27	5.10	5.73	18.47	11.46	1.27	2.55	7.64	6.37	.00	100.00
(2)	.23	.51	.21	.05	.16	.12	.19	.05	.19	.21	.67	.42	.05	.09	.28	.23	.00	3.64

(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 .50 MPH)

Table 2.7-66— SSES 33' (10m) 2001-2006 April JFD

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 4.96

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	3	3	4	0	3	0	1	0	0	0	0	0	0	16
(1)	.00	.47	.00	.47	1.40	1.40	1.87	.00	1.40	.00	.47	.00	.00	.00	.00	.00	.00	7.48
(2)	.00	.02	.00	.02	.07	.07	.09	.00	.07	.00	.02	.00	.00	.00	.00	.00	.00	.37
4-7	5	14	8	3	4	3	3	3	8	4	7	8	2	1	0	1	0	74
(1)	2.34	6.54	3.74	1.40	1.87	1.40	1.40	1.40	3.74	1.87	3.27	3.74	.93	.47	.00	.47	.00	34.58
(2)	.12	.32	.19	.07	.09	.07	.07	.07	.19	.09	.16	.19	.05	.02	.00	.02	.00	1.72
8-12	20	11	1	1	0	3	1	2	6	3	15	19	4	3	8	7	0	104
(1)	9.35	5.14	.47	.47	.00	1.40	.47	.93	2.80	1.40	7.01	8.88	1.87	1.40	3.74	3.27	.00	48.60
(2)	.46	.26	.02	.02	.00	.07	.02	.05	.14	.07	.35	.44	.09	.07	.19	.16	.00	2.41
13-18	1	1	0	0	0	0	2	0	0	0	5	4	5	0	0	1	0	19
(1)	.47	.47	.00	.00	.00	.00	.93	.00	.00	.00	2.34	1.87	2.34	.00	.00	.47	.00	8.88
(2)	.02	.02	.00	.00	.00	.00	.05	.00	.00	.00	.12	.09	.12	.00	.00	.02	.00	.44
19-24	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	.47	.00	.00	.00	.00	.00	.47
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.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	26	27	9	5	7	9	10	5	17	7	28	32	11	4	8	9	0	214
(1)	12.15	12.62	4.21	2.34	3.27	4.21	4.67	2.34	7.94	3.27	13.08	14.95	5.14	1.87	3.74	4.21	.00	100.00
(2)	.60	.63	.21	.12	.16	.21	.23	.12	.39	.16	.65	.74	.26	.09	.19	.21	.00	4.96

(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 .50 MPH)

Table 2.7-66— SSES 33' (10m) 2001-2006 April JFD

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 40.89

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	13	36	26	23	21	29	20	16	14	14	8	9	8	2	3	5	0	247
(1)	.74	2.04	1.47	1.30	1.19	1.64	1.13	.91	.79	.79	.45	.51	.45	.11	.17	.28	.00	14.01
(2)	.30	.83	.60	.53	.49	.67	.46	.37	.32	.32	.19	.21	.19	.05	.07	.12	.00	5.73
4-7	68	125	99	27	31	40	45	46	46	41	79	28	25	31	31	28	0	790
(1)	3.86	7.09	5.62	1.53	1.76	2.27	2.55	2.61	2.61	2.33	4.48	1.59	1.42	1.76	1.76	1.59	.00	44.81
(2)	1.58	2.90	2.30	.63	.72	.93	1.04	1.07	1.07	.95	1.83	.65	.58	.72	.72	.65	.00	18.32
8-12	104	58	20	6	6	19	28	11	15	15	53	39	42	49	98	88	0	651
(1)	5.90	3.29	1.13	.34	.34	1.08	1.59	.62	.85	.85	3.01	2.21	2.38	2.78	5.56	4.99	.00	36.93
(2)	2.41	1.35	.46	.14	.14	.44	.65	.26	.35	.35	1.23	.90	.97	1.14	2.27	2.04	.00	15.10
13-18	2	1	0	0	0	0	3	0	0	0	10	15	13	8	16	5	0	73
(1)	.11	.06	.00	.00	.00	.00	.17	.00	.00	.00	.57	.85	.74	.45	.91	.28	.00	4.14
(2)	.05	.02	.00	.00	.00	.00	.07	.00	.00	.00	.23	.35	.30	.19	.37	.12	.00	1.69
19-24	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06	.00	.00	.00	.06	.00	.11
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.02	.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	187	220	145	56	58	88	96	73	75	70	150	92	88	90	148	127	0	1763
(1)	10.61	12.48	8.22	3.18	3.29	4.99	5.45	4.14	4.25	3.97	8.51	5.22	4.99	5.10	8.39	7.20	.00	100.00
(2)	4.34	5.10	3.36	1.30	1.35	2.04	2.23	1.69	1.74	1.62	3.48	2.13	2.04	2.09	3.43	2.95	.00	40.89

(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 .50 MPH)

Table 2.7-66— SSES 33' (10m) 2001-2006 April JFD

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 24.79

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	16	76	72	66	45	35	38	39	41	52	19	9	5	0	6	9	0	528
(1)	1.50	7.11	6.74	6.17	4.21	3.27	3.55	3.65	3.84	4.86	1.78	.84	.47	.00	.56	.84	.00	49.39
(2)	.37	1.76	1.67	1.53	1.04	.81	.88	.90	.95	1.21	.44	.21	.12	.00	.14	.21	.00	12.24
4-7	44	75	69	19	12	13	10	17	41	52	44	18	8	7	7	15	0	451
(1)	4.12	7.02	6.45	1.78	1.12	1.22	.94	1.59	3.84	4.86	4.12	1.68	.75	.65	.65	1.40	.00	42.19
(2)	1.02	1.74	1.60	.44	.28	.30	.23	.39	.95	1.21	1.02	.42	.19	.16	.16	.35	.00	10.46
8-12	11	5	7	4	5	2	1	1	8	12	19	5	2	1	2	2	0	87
(1)	1.03	.47	.65	.37	.47	.19	.09	.09	.75	1.12	1.78	.47	.19	.09	.19	.19	.00	8.14
(2)	.26	.12	.16	.09	.12	.05	.02	.02	.19	.28	.44	.12	.05	.02	.05	.05	.00	2.02
13-18	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.28	.00	.00	.00	.00	.00	.00	.28
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.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	71	156	148	89	62	50	49	57	90	116	85	32	15	8	15	26	0	1069
(1)	6.64	14.59	13.84	8.33	5.80	4.68	4.58	5.33	8.42	10.85	7.95	2.99	1.40	.75	1.40	2.43	.00	100.00
(2)	1.65	3.62	3.43	2.06	1.44	1.16	1.14	1.32	2.09	2.69	1.97	.74	.35	.19	.35	.60	.00	24.79

(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 .50 MPH)

Table 2.7-66— SSES 33' (10m) 2001-2006 April JFD

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS F — CLASS FREQUENCY (PERCENT) = 7.33

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	2	10	44	120	43	13	16	11	11	10	12	3	1	1	0	0	0	297
(1)	.63	3.16	13.92	37.97	13.61	4.11	5.06	3.48	3.48	3.16	3.80	.95	.32	.32	.00	.00	.00	93.99
(2)	.05	.23	1.02	2.78	1.00	.30	.37	.26	.26	.23	.28	.07	.02	.02	.00	.00	.00	6.89
4-7	2	4	1	1	0	0	0	0	4	2	1	2	0	0	0	0	0	17
(1)	.63	1.27	.32	.32	.00	.00	.00	.00	1.27	.63	.32	.63	.00	.00	.00	.00	.00	5.38
(2)	.05	.09	.02	.02	.00	.00	.00	.00	.09	.05	.02	.05	.00	.00	.00	.00	.00	.39
8-12	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.00	.32	.32	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.63
(2)	.00	.02	.02	.00	.00	.00	.00	.00	.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	4	15	46	121	43	13	16	11	15	12	13	5	1	1	0	0	0	316
(1)	1.27	4.75	14.56	38.29	13.61	4.11	5.06	3.48	4.75	3.80	4.11	1.58	.32	.32	.00	.00	.00	100.00
(2)	.09	.35	1.07	2.81	1.00	.30	.37	.26	.35	.28	.30	.12	.02	.02	.00	.00	.00	7.33

(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 .50 MPH)

Table 2.7-66— SSES 33' (10m) 2001-2006 April JFD

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 9.62

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	0	9	97	226	41	14	2	6	1	1	0	0	0	0	0	0	0	397
(1)	.00	2.17	23.37	54.46	9.88	3.37	.48	1.45	.24	.24	.00	.00	.00	.00	.00	.00	.00	95.66
(2)	.00	.21	2.25	5.24	.95	.32	.05	.14	.02	.02	.00	.00	.00	.00	.00	.00	.00	9.21
4-7	0	2	2	14	0	0	0	0	0	0	0	0	0	0	0	0	0	18
(1)	.00	.48	.48	3.37	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.34
(2)	.00	.05	.05	.32	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.42
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	11	99	240	41	14	2	6	1	1	0	0	0	0	0	0	0	415
(1)	.00	2.65	23.86	57.83	9.88	3.37	.48	1.45	.24	.24	.00	.00	.00	.00	.00	.00	.00	100.00
(2)	.00	.26	2.30	5.57	.95	.32	.05	.14	.02	.02	.00	.00	.00	.00	.00	.00	.00	9.62

(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 .50 MPH)

Table 2.7-66— SSES 33' (10m) 2001-2006 April JFD

SSES 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	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	32	133	239	439	160	97	83	73	73	82	44	23	14	3	9	14	0	1518
(1)	.74	3.08	5.54	10.18	3.71	2.25	1.92	1.69	1.69	1.90	1.02	.53	.32	.07	.21	.32	.00	35.20
(2)	.74	3.08	5.54	10.18	3.71	2.25	1.92	1.69	1.69	1.90	1.02	.53	.32	.07	.21	.32	.00	35.20
4-7	127	242	191	69	57	64	65	72	128	134	183	68	36	42	39	44	0	1561
(1)	2.95	5.61	4.43	1.60	1.32	1.48	1.51	1.67	2.97	3.11	4.24	1.58	.83	.97	.90	1.02	.00	36.20
(2)	2.95	5.61	4.43	1.60	1.32	1.48	1.51	1.67	2.97	3.11	4.24	1.58	.83	.97	.90	1.02	.00	36.20
8-12	158	112	45	11	13	26	41	22	43	53	144	98	52	60	118	109	0	1105
(1)	3.66	2.60	1.04	.26	.30	.60	.95	.51	1.00	1.23	3.34	2.27	1.21	1.39	2.74	2.53	.00	25.63
(2)	3.66	2.60	1.04	.26	.30	.60	.95	.51	1.00	1.23	3.34	2.27	1.21	1.39	2.74	2.53	.00	25.63
13-18	4	3	0	0	0	0	6	1	1	0	25	25	19	8	22	11	0	125
(1)	.09	.07	.00	.00	.00	.00	.14	.02	.02	.00	.58	.58	.44	.19	.51	.26	.00	2.90
(2)	.09	.07	.00	.00	.00	.00	.14	.02	.02	.00	.58	.58	.44	.19	.51	.26	.00	2.90
19-24	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	.05	.00	.00	.00	.02	.00	.07
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.02	.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	321	490	475	519	230	187	195	168	245	269	396	216	121	113	188	179	0	4312
(1)	7.44	11.36	11.02	12.04	5.33	4.34	4.52	3.90	5.68	6.24	9.18	5.01	2.81	2.62	4.36	4.15	.00	100.00
(2)	7.44	11.36	11.02	12.04	5.33	4.34	4.52	3.90	5.68	6.24	9.18	5.01	2.81	2.62	4.36	4.15	.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 .50 MPH)

Table 2.7-67— SSES 33' (10m) 2001-2006 May JFD

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) = 6.86

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	3	3	1	1	0	0	4	0	2	1	0	0	1	0	0	16
(1)	.00	.00	1.03	1.03	.34	.34	.00	.00	1.37	.00	.69	.34	.00	.00	.34	.00	.00	5.50
(2)	.00	.00	.07	.07	.02	.02	.00	.00	.09	.00	.05	.02	.00	.00	.02	.00	.00	.38
4-7	1	10	12	3	6	9	11	16	18	24	41	6	2	1	0	2	0	162
(1)	.34	3.44	4.12	1.03	2.06	3.09	3.78	5.50	6.19	8.25	14.09	2.06	.69	.34	.00	.69	.00	55.67
(2)	.02	.24	.28	.07	.14	.21	.26	.38	.42	.57	.97	.14	.05	.02	.00	.05	.00	3.82
8-12	16	7	1	0	0	0	0	3	10	10	34	17	1	2	1	2	0	104
(1)	5.50	2.41	.34	.00	.00	.00	.00	1.03	3.44	3.44	11.68	5.84	.34	.69	.34	.69	.00	35.74
(2)	.38	.16	.02	.00	.00	.00	.00	.07	.24	.24	.80	.40	.02	.05	.02	.05	.00	2.45
13-18	6	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	9
(1)	2.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.34	.34	.00	.00	.00	.34	.00	3.09
(2)	.14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.00	.00	.02	.00	.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	23	17	16	6	7	10	11	19	32	34	78	25	3	3	2	5	0	291
(1)	7.90	5.84	5.50	2.06	2.41	3.44	3.78	6.53	11.00	11.68	26.80	8.59	1.03	1.03	.69	1.72	.00	100.00
(2)	.54	.40	.38	.14	.16	.24	.26	.45	.75	.80	1.84	.59	.07	.07	.05	.12	.00	6.86

(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 .50 MPH)

Table 2.7-67— SSES 33' (10m) 2001-2006 May JFD

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 3.91

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	0	1	3	2	6	1	2	1	0	3	2	0	0	0	0	0	0	21
(1)	.00	.60	1.81	1.20	3.61	.60	1.20	.60	.00	1.81	1.20	.00	.00	.00	.00	.00	.00	12.65
(2)	.00	.02	.07	.05	.14	.02	.05	.02	.00	.07	.05	.00	.00	.00	.00	.00	.00	.49
4-7	1	5	6	2	4	3	5	4	2	11	15	4	1	0	2	0	0	65
(1)	.60	3.01	3.61	1.20	2.41	1.81	3.01	2.41	1.20	6.63	9.04	2.41	.60	.00	1.20	.00	.00	39.16
(2)	.02	.12	.14	.05	.09	.07	.12	.09	.05	.26	.35	.09	.02	.00	.05	.00	.00	1.53
8-12	12	3	2	1	3	0	0	3	1	1	25	7	1	5	1	8	0	73
(1)	7.23	1.81	1.20	.60	1.81	.00	.00	1.81	.60	.60	15.06	4.22	.60	3.01	.60	4.82	.00	43.98
(2)	.28	.07	.05	.02	.07	.00	.00	.07	.02	.02	.59	.16	.02	.12	.02	.19	.00	1.72
13-18	3	1	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	7
(1)	1.81	.60	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.20	.00	.00	.00	.60	.00	4.22
(2)	.07	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.02	.00	.16
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	16	10	11	5	13	4	7	8	3	15	42	13	2	5	3	9	0	166
(1)	9.64	6.02	6.63	3.01	7.83	2.41	4.22	4.82	1.81	9.04	25.30	7.83	1.20	3.01	1.81	5.42	.00	100.00
(2)	.38	.24	.26	.12	.31	.09	.16	.19	.07	.35	.99	.31	.05	.12	.07	.21	.00	3.91

(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 .50 MPH)

Table 2.7-67— SSES 33' (10m) 2001-2006 May JFD

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 5.72

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	1	1	1	4	2	4	1	4	1	3	2	0	0	0	0	1	0	25
(1)	.41	.41	.41	1.65	.82	1.65	.41	1.65	.41	1.23	.82	.00	.00	.00	.00	.41	.00	10.29
(2)	.02	.02	.02	.09	.05	.09	.02	.09	.02	.07	.05	.00	.00	.00	.00	.02	.00	.59
4-7	5	3	7	5	7	5	8	3	8	19	30	5	1	1	2	4	0	113
(1)	2.06	1.23	2.88	2.06	2.88	2.06	3.29	1.23	3.29	7.82	12.35	2.06	.41	.41	.82	1.65	.00	46.50
(2)	.12	.07	.16	.12	.16	.12	.19	.07	.19	.45	.71	.12	.02	.02	.05	.09	.00	2.66
8-12	11	7	0	1	1	1	3	2	2	1	21	15	4	6	2	8	0	85
(1)	4.53	2.88	.00	.41	.41	.41	1.23	.82	.82	.41	8.64	6.17	1.65	2.47	.82	3.29	.00	34.98
(2)	.26	.16	.00	.02	.02	.02	.07	.05	.05	.02	.49	.35	.09	.14	.05	.19	.00	2.00
13-18	3	0	0	0	0	0	0	0	0	0	2	10	1	0	0	4	0	20
(1)	1.23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.82	4.12	.41	.00	.00	1.65	.00	8.23
(2)	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.24	.02	.00	.00	.09	.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	20	11	8	10	10	10	12	9	11	23	55	30	6	7	4	17	0	243
(1)	8.23	4.53	3.29	4.12	4.12	4.12	4.94	3.70	4.53	9.47	22.63	12.35	2.47	2.88	1.65	7.00	.00	100.00
(2)	.47	.26	.19	.24	.24	.24	.28	.21	.26	.54	1.30	.71	.14	.16	.09	.40	.00	5.72

(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 .50 MPH)

Table 2.7-67— SSES 33' (10m) 2001-2006 May JFD

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 38.78

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	1	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	5
(1)	.06	.00	.06	.06	.12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.30
(2)	.02	.00	.02	.02	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.12
C-3	3	22	50	33	45	31	38	26	36	35	28	10	5	3	3	1	0	369
(1)	.18	1.34	3.04	2.00	2.73	1.88	2.31	1.58	2.19	2.13	1.70	.61	.30	.18	.18	.06	.00	22.42
(2)	.07	.52	1.18	.78	1.06	.73	.90	.61	.85	.82	.66	.24	.12	.07	.07	.02	.00	8.69
4-7	67	90	68	37	39	52	53	49	44	77	94	41	24	21	21	26	0	803
(1)	4.07	5.47	4.13	2.25	2.37	3.16	3.22	2.98	2.67	4.68	5.71	2.49	1.46	1.28	1.28	1.58	.00	48.78
(2)	1.58	2.12	1.60	.87	.92	1.22	1.25	1.15	1.04	1.81	2.21	.97	.57	.49	.49	.61	.00	18.92
8-12	53	36	0	4	16	13	5	6	13	3	75	47	32	23	44	43	0	413
(1)	3.22	2.19	.00	.24	.97	.79	.30	.36	.79	.18	4.56	2.86	1.94	1.40	2.67	2.61	.00	25.09
(2)	1.25	.85	.00	.09	.38	.31	.12	.14	.31	.07	1.77	1.11	.75	.54	1.04	1.01	.00	9.73
13-18	0	0	0	0	2	2	0	1	1	0	5	16	12	12	3	2	0	56
(1)	.00	.00	.00	.00	.12	.12	.00	.06	.06	.00	.30	.97	.73	.73	.18	.12	.00	3.40
(2)	.00	.00	.00	.00	.05	.05	.00	.02	.02	.00	.12	.38	.28	.28	.07	.05	.00	1.32
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	124	148	119	75	104	98	96	82	94	115	202	114	73	59	71	72	0	1646
(1)	7.53	8.99	7.23	4.56	6.32	5.95	5.83	4.98	5.71	6.99	12.27	6.93	4.43	3.58	4.31	4.37	.00	100.00
(2)	2.92	3.49	2.80	1.77	2.45	2.31	2.26	1.93	2.21	2.71	4.76	2.69	1.72	1.39	1.67	1.70	.00	38.78

(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 .50 MPH)

Table 2.7-67— SSES 33' (10m) 2001-2006 May JFD

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 26.12

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	2	3	2	1	0	0	0	1	0	0	0	0	0	0	0	9
(1)	.00	.00	.18	.27	.18	.09	.00	.00	.00	.09	.00	.00	.00	.00	.00	.00	.00	.81
(2)	.00	.00	.05	.07	.05	.02	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.21
C-3	17	51	112	135	91	62	56	47	72	54	18	6	6	3	2	7	0	739
(1)	1.53	4.60	10.10	12.17	8.21	5.59	5.05	4.24	6.49	4.87	1.62	.54	.54	.27	.18	.63	.00	66.64
(2)	.40	1.20	2.64	3.18	2.14	1.46	1.32	1.11	1.70	1.27	.42	.14	.14	.07	.05	.16	.00	17.41
4-7	29	43	34	13	11	7	16	19	29	37	32	13	8	2	12	26	0	331
(1)	2.61	3.88	3.07	1.17	.99	.63	1.44	1.71	2.61	3.34	2.89	1.17	.72	.18	1.08	2.34	.00	29.85
(2)	.68	1.01	.80	.31	.26	.16	.38	.45	.68	.87	.75	.31	.19	.05	.28	.61	.00	7.80
8-12	2	3	0	0	2	0	0	0	4	2	6	2	2	1	2	3	0	29
(1)	.18	.27	.00	.00	.18	.00	.00	.00	.36	.18	.54	.18	.18	.09	.18	.27	.00	2.61
(2)	.05	.07	.00	.00	.05	.00	.00	.00	.09	.05	.14	.05	.05	.02	.05	.07	.00	.68
13-18	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	.09	.00	.00	.00	.00	.00	.00	.09
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.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	48	97	148	151	106	70	72	66	105	94	57	21	16	6	16	36	0	1109
(1)	4.33	8.75	13.35	13.62	9.56	6.31	6.49	5.95	9.47	8.48	5.14	1.89	1.44	.54	1.44	3.25	.00	100.00
(2)	1.13	2.29	3.49	3.56	2.50	1.65	1.70	1.55	2.47	2.21	1.34	.49	.38	.14	.38	.85	.00	26.12

(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 .50 MPH)

Table 2.7-67— SSES 33' (10m) 2001-2006 May JFD

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS F 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	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.20	.20	.20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.59
(2)	.00	.00	.02	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
C-3	2	16	73	189	79	34	22	18	21	12	9	1	3	0	1	0	0	480
(1)	.39	3.14	14.34	37.13	15.52	6.68	4.32	3.54	4.13	2.36	1.77	.20	.59	.00	.20	.00	.00	94.30
(2)	.05	.38	1.72	4.45	1.86	.80	.52	.42	.49	.28	.21	.02	.07	.00	.02	.00	.00	11.31
4-7	4	3	5	4	1	0	0	1	0	2	4	0	1	0	1	0	0	26
(1)	.79	.59	.98	.79	.20	.00	.00	.20	.00	.39	.79	.00	.20	.00	.20	.00	.00	5.11
(2)	.09	.07	.12	.09	.02	.00	.00	.02	.00	.05	.09	.00	.02	.00	.02	.00	.00	.61
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	6	19	79	194	81	34	22	19	21	14	13	1	4	0	2	0	0	509
(1)	1.18	3.73	15.52	38.11	15.91	6.68	4.32	3.73	4.13	2.75	2.55	.20	.79	.00	.39	.00	.00	100.00
(2)	.14	.45	1.86	4.57	1.91	.80	.52	.45	.49	.33	.31	.02	.09	.00	.05	.00	.00	11.99

(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 .50 MPH)

Table 2.7-67— SSES 33' (10m) 2001-2006 May JFD

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 6.62

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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.36	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.36
(2)	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
C-3	0	1	39	169	37	13	6	4	4	3	0	0	0	0	0	1	0	277
(1)	.00	.36	13.88	60.14	13.17	4.63	2.14	1.42	1.42	1.07	.00	.00	.00	.00	.00	.36	.00	98.58
(2)	.00	.02	.92	3.98	.87	.31	.14	.09	.09	.07	.00	.00	.00	.00	.00	.02	.00	6.53
4-7	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
(1)	.00	.71	.36	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.07
(2)	.00	.05	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
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	3	40	170	37	13	6	4	4	3	0	0	0	0	0	1	0	281
(1)	.00	1.07	14.23	60.50	13.17	4.63	2.14	1.42	1.42	1.07	.00	.00	.00	.00	.00	.36	.00	100.00
(2)	.00	.07	.94	4.00	.87	.31	.14	.09	.09	.07	.00	.00	.00	.00	.00	.02	.00	6.62

(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 .50 MPH)

Table 2.7-67— SSES 33' (10m) 2001-2006 May JFD

SSES 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	1	0	4	6	5	1	0	0	0	1	0	0	0	0	0	0	0	18
(1)	.02	.00	.09	.14	.12	.02	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.42
(2)	.02	.00	.09	.14	.12	.02	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.42
C-3	23	92	281	535	261	146	125	100	138	110	61	18	14	6	7	10	0	1927
(1)	.54	2.17	6.62	12.60	6.15	3.44	2.94	2.36	3.25	2.59	1.44	.42	.33	.14	.16	.24	.00	45.39
(2)	.54	2.17	6.62	12.60	6.15	3.44	2.94	2.36	3.25	2.59	1.44	.42	.33	.14	.16	.24	.00	45.39
4-7	107	156	133	64	68	76	93	92	101	170	216	69	37	25	38	58	0	1503
(1)	2.52	3.67	3.13	1.51	1.60	1.79	2.19	2.17	2.38	4.00	5.09	1.63	.87	.59	.90	1.37	.00	35.41
(2)	2.52	3.67	3.13	1.51	1.60	1.79	2.19	2.17	2.38	4.00	5.09	1.63	.87	.59	.90	1.37	.00	35.41
8-12	94	56	3	6	22	14	8	14	30	17	161	88	40	37	50	64	0	704
(1)	2.21	1.32	.07	.14	.52	.33	.19	.33	.71	.40	3.79	2.07	.94	.87	1.18	1.51	.00	16.58
(2)	2.21	1.32	.07	.14	.52	.33	.19	.33	.71	.40	3.79	2.07	.94	.87	1.18	1.51	.00	16.58
13-18	12	1	0	0	2	2	0	1	1	0	9	29	13	12	3	8	0	93
(1)	.28	.02	.00	.00	.05	.05	.00	.02	.02	.00	.21	.68	.31	.28	.07	.19	.00	2.19
(2)	.28	.02	.00	.00	.05	.05	.00	.02	.02	.00	.21	.68	.31	.28	.07	.19	.00	2.19
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	237	305	421	611	358	239	226	207	270	298	447	204	104	80	98	140	0	4245
(1)	5.58	7.18	9.92	14.39	8.43	5.63	5.32	4.88	6.36	7.02	10.53	4.81	2.45	1.88	2.31	3.30	.00	100.00
(2)	5.58	7.18	9.92	14.39	8.43	5.63	5.32	4.88	6.36	7.02	10.53	4.81	2.45	1.88	2.31	3.30	.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 .50 MPH)

Table 2.7-68— SSES 33' (10m) 2001-2006 June JFD

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) = 8.43

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	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	2	1	3	8	9	10	5	7	4	1	2	0	0	1	0	55
(1)	.00	.55	.55	.27	.82	2.20	2.47	2.75	1.37	1.92	1.10	.27	.55	.00	.00	.27	.00	15.11
(2)	.00	.05	.05	.02	.07	.19	.21	.23	.12	.16	.09	.02	.05	.00	.00	.02	.00	1.27
4-7	3	7	12	6	9	2	11	6	6	44	74	15	4	1	0	3	0	203
(1)	.82	1.92	3.30	1.65	2.47	.55	3.02	1.65	1.65	12.09	20.33	4.12	1.10	.27	.00	.82	.00	55.77
(2)	.07	.16	.28	.14	.21	.05	.25	.14	.14	1.02	1.71	.35	.09	.02	.00	.07	.00	4.70
8-12	0	1	0	0	0	0	1	0	0	4	59	28	6	0	4	2	0	105
(1)	.00	.27	.00	.00	.00	.00	.27	.00	.00	1.10	16.21	7.69	1.65	.00	1.10	.55	.00	28.85
(2)	.00	.02	.00	.00	.00	.00	.02	.00	.00	.09	1.37	.65	.14	.00	.09	.05	.00	2.43
13-18	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	.27	.00	.00	.00	.00	.00	.27
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.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	3	10	14	7	12	10	21	16	11	55	137	45	12	1	4	6	0	364
(1)	.82	2.75	3.85	1.92	3.30	2.75	5.77	4.40	3.02	15.11	37.64	12.36	3.30	.27	1.10	1.65	.00	100.00
(2)	.07	.23	.32	.16	.28	.23	.49	.37	.25	1.27	3.17	1.04	.28	.02	.09	.14	.00	8.43

(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 .50 MPH)

Table 2.7-68— SSES 33' (10m) 2001-2006 June JFD

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 4.54

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	2	0	3	7	4	5	6	3	5	1	3	1	0	0	0	0	0	40
(1)	1.02	.00	1.53	3.57	2.04	2.55	3.06	1.53	2.55	.51	1.53	.51	.00	.00	.00	.00	.00	20.41
(2)	.05	.00	.07	.16	.09	.12	.14	.07	.12	.02	.07	.02	.00	.00	.00	.00	.00	.93
4-7	6	8	10	3	1	0	4	1	2	15	33	8	4	1	0	3	0	99
(1)	3.06	4.08	5.10	1.53	.51	.00	2.04	.51	1.02	7.65	16.84	4.08	2.04	.51	.00	1.53	.00	50.51
(2)	.14	.19	.23	.07	.02	.00	.09	.02	.05	.35	.76	.19	.09	.02	.00	.07	.00	2.29
8-12	2	0	0	0	0	0	0	0	0	0	30	11	7	0	2	4	0	56
(1)	1.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	15.31	5.61	3.57	.00	1.02	2.04	.00	28.57
(2)	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.69	.25	.16	.00	.05	.09	.00	1.30
13-18	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	.51	.00	.00	.00	.00	.00	.51
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.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	10	8	13	10	5	5	10	4	7	16	66	21	11	1	2	7	0	196
(1)	5.10	4.08	6.63	5.10	2.55	2.55	5.10	2.04	3.57	8.16	33.67	10.71	5.61	.51	1.02	3.57	.00	100.00
(2)	.23	.19	.30	.23	.12	.12	.23	.09	.16	.37	1.53	.49	.25	.02	.05	.16	.00	4.54

(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 .50 MPH)

Table 2.7-68— SSES 33' (10m) 2001-2006 June JFD

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 5.37

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	1	5	3	4	5	5	4	2	3	4	1	0	0	0	0	1	0	38
(1)	.43	2.16	1.29	1.72	2.16	2.16	1.72	.86	1.29	1.72	.43	.00	.00	.00	.00	.43	.00	16.38
(2)	.02	.12	.07	.09	.12	.12	.09	.05	.07	.09	.02	.00	.00	.00	.00	.02	.00	.88
4-7	9	8	7	6	1	2	0	2	4	13	47	8	3	2	1	7	0	120
(1)	3.88	3.45	3.02	2.59	.43	.86	.00	.86	1.72	5.60	20.26	3.45	1.29	.86	.43	3.02	.00	51.72
(2)	.21	.19	.16	.14	.02	.05	.00	.05	.09	.30	1.09	.19	.07	.05	.02	.16	.00	2.78
8-12	2	0	0	0	0	0	0	0	0	0	27	18	6	1	7	8	0	69
(1)	.86	.00	.00	.00	.00	.00	.00	.00	.00	.00	11.64	7.76	2.59	.43	3.02	3.45	.00	29.74
(2)	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.63	.42	.14	.02	.16	.19	.00	1.60
13-18	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	2	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.43	.00	.00	.86	.86	.00	2.16
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.05	.05	.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	12	13	10	10	6	7	4	4	7	17	75	27	9	3	10	18	0	232
(1)	5.17	5.60	4.31	4.31	2.59	3.02	1.72	1.72	3.02	7.33	32.33	11.64	3.88	1.29	4.31	7.76	.00	100.00
(2)	.28	.30	.23	.23	.14	.16	.09	.09	.16	.39	1.74	.62	.21	.07	.23	.42	.00	5.37

(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 .50 MPH)

Table 2.7-68— SSES 33' (10m) 2001-2006 June JFD

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 33.24

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	21	39	67	60	66	41	51	31	47	62	37	8	5	3	5	2	0	545
(1)	1.46	2.72	4.67	4.18	4.60	2.86	3.55	2.16	3.27	4.32	2.58	.56	.35	.21	.35	.14	.00	37.95
(2)	.49	.90	1.55	1.39	1.53	.95	1.18	.72	1.09	1.44	.86	.19	.12	.07	.12	.05	.00	12.62
4-7	55	70	44	12	9	18	38	36	42	89	144	48	24	16	20	45	0	710
(1)	3.83	4.87	3.06	.84	.63	1.25	2.65	2.51	2.92	6.20	10.03	3.34	1.67	1.11	1.39	3.13	.00	49.44
(2)	1.27	1.62	1.02	.28	.21	.42	.88	.83	.97	2.06	3.33	1.11	.56	.37	.46	1.04	.00	16.44
8-12	13	6	1	0	0	0	1	0	1	1	49	40	9	4	28	25	0	178
(1)	.91	.42	.07	.00	.00	.00	.07	.00	.07	.07	3.41	2.79	.63	.28	1.95	1.74	.00	12.40
(2)	.30	.14	.02	.00	.00	.00	.02	.00	.02	.02	1.13	.93	.21	.09	.65	.58	.00	4.12
13-18	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.21	.00	.00	.00	.00	.00	.21
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.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	89	115	112	72	75	59	90	67	90	152	230	99	38	23	53	72	0	1436
(1)	6.20	8.01	7.80	5.01	5.22	4.11	6.27	4.67	6.27	10.58	16.02	6.89	2.65	1.60	3.69	5.01	.00	100.00
(2)	2.06	2.66	2.59	1.67	1.74	1.37	2.08	1.55	2.08	3.52	5.32	2.29	.88	.53	1.23	1.67	.00	33.24

(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 .50 MPH)

Table 2.7-68— SSES 33' (10m) 2001-2006 June JFD

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 28.13

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	24	72	125	153	111	74	73	57	90	67	23	12	4	6	5	3	0	899
(1)	1.98	5.93	10.29	12.59	9.14	6.09	6.01	4.69	7.41	5.51	1.89	.99	.33	.49	.41	.25	.00	73.99
(2)	.56	1.67	2.89	3.54	2.57	1.71	1.69	1.32	2.08	1.55	.53	.28	.09	.14	.12	.07	.00	20.81
4-7	32	60	19	3	1	5	9	10	20	56	42	7	4	6	6	16	0	296
(1)	2.63	4.94	1.56	.25	.08	.41	.74	.82	1.65	4.61	3.46	.58	.33	.49	.49	1.32	.00	24.36
(2)	.74	1.39	.44	.07	.02	.12	.21	.23	.46	1.30	.97	.16	.09	.14	.14	.37	.00	6.85
8-12	3	3	0	0	0	0	0	1	0	1	4	1	1	1	2	3	0	20
(1)	.25	.25	.00	.00	.00	.00	.00	.08	.00	.08	.33	.08	.08	.08	.16	.25	.00	1.65
(2)	.07	.07	.00	.00	.00	.00	.00	.02	.00	.02	.09	.02	.02	.02	.05	.07	.00	.46
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	59	135	144	156	112	79	82	68	110	124	69	20	9	13	13	22	0	1215
(1)	4.86	11.11	11.85	12.84	9.22	6.50	6.75	5.60	9.05	10.21	5.68	1.65	.74	1.07	1.07	1.81	.00	100.00
(2)	1.37	3.13	3.33	3.61	2.59	1.83	1.90	1.57	2.55	2.87	1.60	.46	.21	.30	.30	.51	.00	28.13

(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 .50 MPH)

Table 2.7-68— SSES 33' (10m) 2001-2006 June JFD

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 14.31

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	4	13	55	322	111	28	23	14	15	14	2	0	0	1	2	0	0	604
(1)	.65	2.10	8.90	52.10	17.96	4.53	3.72	2.27	2.43	2.27	.32	.00	.00	.16	.32	.00	.00	97.73
(2)	.09	.30	1.27	7.45	2.57	.65	.53	.32	.35	.32	.05	.00	.00	.02	.05	.00	.00	13.98
4-7	3	2	2	5	0	0	0	0	0	0	1	0	0	0	1	0	0	14
(1)	.49	.32	.32	.81	.00	.00	.00	.00	.00	.00	.16	.00	.00	.00	.16	.00	.00	2.27
(2)	.07	.05	.05	.12	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.02	.00	.00	.32
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	7	15	57	327	111	28	23	14	15	14	3	0	0	1	3	0	0	618
(1)	1.13	2.43	9.22	52.91	17.96	4.53	3.72	2.27	2.43	2.27	.49	.00	.00	.16	.49	.00	.00	100.00
(2)	.16	.35	1.32	7.57	2.57	.65	.53	.32	.35	.32	.07	.00	.00	.02	.07	.00	.00	14.31

(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 .50 MPH)

Table 2.7-68— SSES 33' (10m) 2001-2006 June JFD

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS G — CLASS FREQUENCY (PERCENT) = 6.00

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	0	1	43	164	24	8	7	3	3	0	1	0	0	0	1	0	0	255
(1)	.00	.39	16.60	63.32	9.27	3.09	2.70	1.16	1.16	.00	.39	.00	.00	.00	.39	.00	.00	98.46
(2)	.00	.02	1.00	3.80	.56	.19	.16	.07	.07	.00	.02	.00	.00	.00	.02	.00	.00	5.90
4-7	0	0	0	2	0	0	0	0	0	1	1	0	0	0	0	0	0	4
(1)	.00	.00	.00	.77	.00	.00	.00	.00	.00	.39	.39	.00	.00	.00	.00	.00	.00	1.54
(2)	.00	.00	.00	.05	.00	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00	.00	.09
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	1	43	166	24	8	7	3	3	1	2	0	0	0	1	0	0	259
(1)	.00	.39	16.60	64.09	9.27	3.09	2.70	1.16	1.16	.39	.77	.00	.00	.00	.39	.00	.00	100.00
(2)	.00	.02	1.00	3.84	.56	.19	.16	.07	.07	.02	.05	.00	.00	.00	.02	.00	.00	6.00

(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 .50 MPH)

Table 2.7-68— SSES 33' (10m) 2001-2006 June JFD

SSES 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	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	52	132	298	711	324	169	173	120	168	155	71	22	11	10	13	7	0	2436
(1)	1.20	3.06	6.90	16.46	7.50	3.91	4.00	2.78	3.89	3.59	1.64	.51	.25	.23	.30	.16	.00	56.39
(2)	1.20	3.06	6.90	16.46	7.50	3.91	4.00	2.78	3.89	3.59	1.64	.51	.25	.23	.30	.16	.00	56.39
4-7	108	155	94	37	21	27	62	55	74	218	342	86	39	26	28	74	0	1446
(1)	2.50	3.59	2.18	.86	.49	.63	1.44	1.27	1.71	5.05	7.92	1.99	.90	.60	.65	1.71	.00	33.47
(2)	2.50	3.59	2.18	.86	.49	.63	1.44	1.27	1.71	5.05	7.92	1.99	.90	.60	.65	1.71	.00	33.47
8-12	20	10	1	0	0	0	2	1	1	6	169	98	29	6	43	42	0	428
(1)	.46	.23	.02	.00	.00	.00	.05	.02	.02	.14	3.91	2.27	.67	.14	1.00	.97	.00	9.91
(2)	.46	.23	.02	.00	.00	.00	.05	.02	.02	.14	3.91	2.27	.67	.14	1.00	.97	.00	9.91
13-18	0	0	0	0	0	0	0	0	0	0	0	6	0	0	2	2	0	10
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14	.00	.00	.05	.05	.00	.23
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14	.00	.00	.05	.05	.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	180	297	393	748	345	196	237	176	243	379	582	212	79	42	86	125	0	4320
(1)	4.17	6.88	9.10	17.31	7.99	4.54	5.49	4.07	5.63	8.77	13.47	4.91	1.83	.97	1.99	2.89	.00	100.00
(2)	4.17	6.88	9.10	17.31	7.99	4.54	5.49	4.07	5.63	8.77	13.47	4.91	1.83	.97	1.99	2.89	.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 .50 MPH)

Table 2.7-69— SSES 33' (10m) 2001-2006 July JFD

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) = 11.16

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	2	1	12	14	15	8	6	5	11	9	8	3	0	1	0	1	0	96
(1)	.40	.20	2.41	2.81	3.01	1.61	1.20	1.00	2.21	1.81	1.61	.60	.00	.20	.00	.20	.00	19.28
(2)	.04	.02	.27	.31	.34	.18	.13	.11	.25	.20	.18	.07	.00	.02	.00	.02	.00	2.15
4-7	12	20	9	9	5	4	14	7	19	50	105	17	1	2	2	7	0	283
(1)	2.41	4.02	1.81	1.81	1.00	.80	2.81	1.41	3.82	10.04	21.08	3.41	.20	.40	.40	1.41	.00	56.83
(2)	.27	.45	.20	.20	.11	.09	.31	.16	.43	1.12	2.35	.38	.02	.04	.04	.16	.00	6.34
8-12	16	9	0	0	0	0	0	0	0	0	49	34	7	0	1	3	0	119
(1)	3.21	1.81	.00	.00	.00	.00	.00	.00	.00	.00	9.84	6.83	1.41	.00	.20	.60	.00	23.90
(2)	.36	.20	.00	.00	.00	.00	.00	.00	.00	.00	1.10	.76	.16	.00	.02	.07	.00	2.67
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	30	30	21	23	20	12	20	12	30	59	162	54	8	3	3	11	0	498
(1)	6.02	6.02	4.22	4.62	4.02	2.41	4.02	2.41	6.02	11.85	32.53	10.84	1.61	.60	.60	2.21	.00	100.00
(2)	.67	.67	.47	.52	.45	.27	.45	.27	.67	1.32	3.63	1.21	.18	.07	.07	.25	.00	11.16

(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 .50 MPH)

Table 2.7-69— SSES 33' (10m) 2001-2006 July JFD

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 4.57

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	1	3	2	3	1	2	2	3	1	2	0	0	0	0	0	0	23
(1)	1.47	.49	1.47	.98	1.47	.49	.98	.98	1.47	.49	.98	.00	.00	.00	.00	.00	.00	11.27
(2)	.07	.02	.07	.04	.07	.02	.04	.04	.07	.02	.04	.00	.00	.00	.00	.00	.00	.52
4-7	4	18	7	3	1	0	5	3	6	15	35	9	3	1	2	3	0	115
(1)	1.96	8.82	3.43	1.47	.49	.00	2.45	1.47	2.94	7.35	17.16	4.41	1.47	.49	.98	1.47	.00	56.37
(2)	.09	.40	.16	.07	.02	.00	.11	.07	.13	.34	.78	.20	.07	.02	.04	.07	.00	2.58
8-12	10	7	0	0	0	0	0	0	0	1	21	12	7	2	2	4	0	66
(1)	4.90	3.43	.00	.00	.00	.00	.00	.00	.00	.49	10.29	5.88	3.43	.98	.98	1.96	.00	32.35
(2)	.22	.16	.00	.00	.00	.00	.00	.00	.00	.02	.47	.27	.16	.04	.04	.09	.00	1.48
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	17	26	10	5	4	1	7	5	9	17	58	21	10	3	4	7	0	204
(1)	8.33	12.75	4.90	2.45	1.96	.49	3.43	2.45	4.41	8.33	28.43	10.29	4.90	1.47	1.96	3.43	.00	100.00
(2)	.38	.58	.22	.11	.09	.02	.16	.11	.20	.38	1.30	.47	.22	.07	.09	.16	.00	4.57

(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 .50 MPH)

Table 2.7-69— SSES 33' (10m) 2001-2006 July JFD

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 6.03

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	1	6	2	9	9	6	2	3	5	4	3	0	2	0	1	0	0	53
(1)	.37	2.23	.74	3.35	3.35	2.23	.74	1.12	1.86	1.49	1.12	.00	.74	.00	.37	.00	.00	19.70
(2)	.02	.13	.04	.20	.20	.13	.04	.07	.11	.09	.07	.00	.04	.00	.02	.00	.00	1.19
4-7	16	7	3	1	0	3	7	4	7	22	39	15	5	4	8	3	0	144
(1)	5.95	2.60	1.12	.37	.00	1.12	2.60	1.49	2.60	8.18	14.50	5.58	1.86	1.49	2.97	1.12	.00	53.53
(2)	.36	.16	.07	.02	.00	.07	.16	.09	.16	.49	.87	.34	.11	.09	.18	.07	.00	3.23
8-12	12	3	0	0	0	0	0	0	2	0	11	25	3	1	8	6	0	71
(1)	4.46	1.12	.00	.00	.00	.00	.00	.00	.74	.00	4.09	9.29	1.12	.37	2.97	2.23	.00	26.39
(2)	.27	.07	.00	.00	.00	.00	.00	.00	.04	.00	.25	.56	.07	.02	.18	.13	.00	1.59
13-18	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	.37	.00	.00	.00	.00	.00	.37
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.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	16	5	10	9	9	9	7	14	26	53	41	10	5	17	9	0	269
(1)	10.78	5.95	1.86	3.72	3.35	3.35	3.35	2.60	5.20	9.67	19.70	15.24	3.72	1.86	6.32	3.35	.00	100.00
(2)	.65	.36	.11	.22	.20	.20	.20	.16	.31	.58	1.19	.92	.22	.11	.38	.20	.00	6.03

(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 .50 MPH)

Table 2.7-69— SSES 33' (10m) 2001-2006 July JFD

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 28.88

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	38	49	57	45	45	40	33	47	43	37	14	3	2	4	4	0	468
(1)	.54	2.95	3.80	4.42	3.49	3.49	3.10	2.56	3.65	3.34	2.87	1.09	.23	.16	.31	.31	.00	36.31
(2)	.16	.85	1.10	1.28	1.01	1.01	.90	.74	1.05	.96	.83	.31	.07	.04	.09	.09	.00	10.48
4-7	49	69	18	17	14	21	47	32	60	90	111	48	10	10	23	39	0	658
(1)	3.80	5.35	1.40	1.32	1.09	1.63	3.65	2.48	4.65	6.98	8.61	3.72	.78	.78	1.78	3.03	.00	51.05
(2)	1.10	1.55	.40	.38	.31	.47	1.05	.72	1.34	2.02	2.49	1.08	.22	.22	.52	.87	.00	14.74
8-12	12	5	0	0	0	0	1	1	4	5	69	34	8	4	7	9	0	159
(1)	.93	.39	.00	.00	.00	.00	.08	.08	.31	.39	5.35	2.64	.62	.31	.54	.70	.00	12.34
(2)	.27	.11	.00	.00	.00	.00	.02	.02	.09	.11	1.55	.76	.18	.09	.16	.20	.00	3.56
13-18	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.31	.00	.00	.00	.00	.00	.31
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.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	68	112	67	74	59	66	88	66	111	138	217	100	21	16	34	52	0	1289
(1)	5.28	8.69	5.20	5.74	4.58	5.12	6.83	5.12	8.61	10.71	16.83	7.76	1.63	1.24	2.64	4.03	.00	100.00
(2)	1.52	2.51	1.50	1.66	1.32	1.48	1.97	1.48	2.49	3.09	4.86	2.24	.47	.36	.76	1.16	.00	28.88

(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 .50 MPH)

Table 2.7-69— SSES 33' (10m) 2001-2006 July JFD

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 29.79

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	16	75	169	221	150	91	90	59	81	64	19	5	1	2	4	0	0	1047
(1)	1.20	5.64	12.71	16.62	11.28	6.84	6.77	4.44	6.09	4.81	1.43	.38	.08	.15	.30	.00	.00	78.72
(2)	.36	1.68	3.79	4.95	3.36	2.04	2.02	1.32	1.81	1.43	.43	.11	.02	.04	.09	.00	.00	23.45
4-7	23	34	10	7	5	10	12	2	25	53	46	10	4	1	11	17	0	270
(1)	1.73	2.56	.75	.53	.38	.75	.90	.15	1.88	3.98	3.46	.75	.30	.08	.83	1.28	.00	20.30
(2)	.52	.76	.22	.16	.11	.22	.27	.04	.56	1.19	1.03	.22	.09	.02	.25	.38	.00	6.05
8-12	1	0	0	0	0	0	0	0	0	0	2	2	2	1	2	3	0	13
(1)	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.15	.15	.15	.08	.15	.23	.00	.98
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.04	.04	.02	.04	.07	.00	.29
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	40	109	179	228	155	101	102	61	106	117	67	17	7	4	17	20	0	1330
(1)	3.01	8.20	13.46	17.14	11.65	7.59	7.67	4.59	7.97	8.80	5.04	1.28	.53	.30	1.28	1.50	.00	100.00
(2)	.90	2.44	4.01	5.11	3.47	2.26	2.28	1.37	2.37	2.62	1.50	.38	.16	.09	.38	.45	.00	29.79

(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 .50 MPH)

Table 2.7-69— SSES 33' (10m) 2001-2006 July JFD

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 15.59

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	17	63	346	136	54	21	14	14	11	3	0	0	0	1	2	0	682
(1)	.00	2.44	9.05	49.71	19.54	7.76	3.02	2.01	2.01	1.58	.43	.00	.00	.00	.14	.29	.00	97.99
(2)	.00	.38	1.41	7.75	3.05	1.21	.47	.31	.31	.25	.07	.00	.00	.00	.02	.04	.00	15.28
4-7	0	4	1	5	1	0	0	0	0	2	0	0	0	0	0	1	0	14
(1)	.00	.57	.14	.72	.14	.00	.00	.00	.00	.29	.00	.00	.00	.00	.00	.14	.00	2.01
(2)	.00	.09	.02	.11	.02	.00	.00	.00	.00	.04	.00	.00	.00	.00	.00	.02	.00	.31
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	21	64	351	137	54	21	14	14	13	3	0	0	0	1	3	0	696
(1)	.00	3.02	9.20	50.43	19.68	7.76	3.02	2.01	2.01	1.87	.43	.00	.00	.00	.14	.43	.00	100.00
(2)	.00	.47	1.43	7.86	3.07	1.21	.47	.31	.31	.29	.07	.00	.00	.00	.02	.07	.00	15.59

(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 .50 MPH)

Table 2.7-69— SSES 33' (10m) 2001-2006 July JFD

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS G — CLASS FREQUENCY (PERCENT) = 3.99

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	0	1	19	114	27	9	0	2	0	0	0	0	0	0	0	1	0	173
(1)	.00	.56	10.67	64.04	15.17	5.06	.00	1.12	.00	.00	.00	.00	.00	.00	.00	.56	.00	97.19
(2)	.00	.02	.43	2.55	.60	.20	.00	.04	.00	.00	.00	.00	.00	.00	.00	.02	.00	3.88
4-7	1	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	5
(1)	.56	.00	.00	2.25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.81
(2)	.02	.00	.00	.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11
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	1	19	118	27	9	0	2	0	0	0	0	0	0	0	1	0	178
(1)	.56	.56	10.67	66.29	15.17	5.06	.00	1.12	.00	.00	.00	.00	.00	.00	.00	.56	.00	100.00
(2)	.02	.02	.43	2.64	.60	.20	.00	.04	.00	.00	.00	.00	.00	.00	.00	.02	.00	3.99

(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 .50 MPH)

Table 2.7-69— SSES 33' (10m) 2001-2006 July JFD

SSES 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	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	29	139	317	763	385	214	161	118	161	132	72	22	6	5	10	8	0	2542
(1)	.65	3.11	7.10	17.09	8.62	4.79	3.61	2.64	3.61	2.96	1.61	.49	.13	.11	.22	.18	.00	56.94
(2)	.65	3.11	7.10	17.09	8.62	4.79	3.61	2.64	3.61	2.96	1.61	.49	.13	.11	.22	.18	.00	56.94
4-7	105	152	48	46	26	38	85	48	117	232	336	99	23	18	46	70	0	1489
(1)	2.35	3.41	1.08	1.03	.58	.85	1.90	1.08	2.62	5.20	7.53	2.22	.52	.40	1.03	1.57	.00	33.36
(2)	2.35	3.41	1.08	1.03	.58	.85	1.90	1.08	2.62	5.20	7.53	2.22	.52	.40	1.03	1.57	.00	33.36
8-12	51	24	0	0	0	0	1	1	6	6	152	107	27	8	20	25	0	428
(1)	1.14	.54	.00	.00	.00	.00	.02	.02	.13	.13	3.41	2.40	.60	.18	.45	.56	.00	9.59
(2)	1.14	.54	.00	.00	.00	.00	.02	.02	.13	.13	3.41	2.40	.60	.18	.45	.56	.00	9.59
13-18	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11	.00	.00	.00	.00	.00	.11
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11	.00	.00	.00	.00	.00	.11
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	185	315	365	809	411	252	247	167	284	370	560	233	56	31	76	103	0	4464
(1)	4.14	7.06	8.18	18.12	9.21	5.65	5.53	3.74	6.36	8.29	12.54	5.22	1.25	.69	1.70	2.31	.00	100.00
(2)	4.14	7.06	8.18	18.12	9.21	5.65	5.53	3.74	6.36	8.29	12.54	5.22	1.25	.69	1.70	2.31	.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 .50 MPH)

Table 2.7-70— SSES 33' (10m) 2001-2006 August JFD

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) = 11.16

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	3	9	13	10	11	9	7	11	6	5	2	1	1	0	0	0	88
(1)	.00	.60	1.81	2.61	2.01	2.21	1.81	1.41	2.21	1.20	1.00	.40	.20	.20	.00	.00	.00	17.67
(2)	.00	.07	.20	.29	.22	.25	.20	.16	.25	.13	.11	.04	.02	.02	.00	.00	.00	1.97
4-7	11	20	22	7	3	2	8	12	21	49	74	12	2	9	3	6	0	261
(1)	2.21	4.02	4.42	1.41	.60	.40	1.61	2.41	4.22	9.84	14.86	2.41	.40	1.81	.60	1.20	.00	52.41
(2)	.25	.45	.49	.16	.07	.04	.18	.27	.47	1.10	1.66	.27	.04	.20	.07	.13	.00	5.85
8-12	11	12	0	0	0	2	1	0	2	8	58	37	8	1	2	4	0	146
(1)	2.21	2.41	.00	.00	.00	.40	.20	.00	.40	1.61	11.65	7.43	1.61	.20	.40	.80	.00	29.32
(2)	.25	.27	.00	.00	.00	.04	.02	.00	.04	.18	1.30	.83	.18	.02	.04	.09	.00	3.27
13-18	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
(1)	.40	.20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.60
(2)	.04	.02	.00	.00	.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	24	36	31	20	13	15	18	19	34	63	137	51	11	11	5	10	0	498
(1)	4.82	7.23	6.22	4.02	2.61	3.01	3.61	3.82	6.83	12.65	27.51	10.24	2.21	2.21	1.00	2.01	.00	100.00
(2)	.54	.81	.69	.45	.29	.34	.40	.43	.76	1.41	3.07	1.14	.25	.25	.11	.22	.00	11.16

(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 .50 MPH)

Table 2.7-70— SSES 33' (10m) 2001-2006 August JFD

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 3.85

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	4	8	7	6	2	1	1	1	1	0	0	0	0	1	0	33
(1)	.58	.00	2.33	4.65	4.07	3.49	1.16	.58	.58	.58	.58	.00	.00	.00	.00	.58	.00	19.19
(2)	.02	.00	.09	.18	.16	.13	.04	.02	.02	.02	.02	.00	.00	.00	.00	.02	.00	.74
4-7	5	13	8	5	2	2	2	2	2	14	27	1	2	0	2	2	0	89
(1)	2.91	7.56	4.65	2.91	1.16	1.16	1.16	1.16	1.16	8.14	15.70	.58	1.16	.00	1.16	1.16	.00	51.74
(2)	.11	.29	.18	.11	.04	.04	.04	.04	.04	.31	.61	.02	.04	.00	.04	.04	.00	1.99
8-12	8	2	0	0	0	1	0	0	0	4	13	10	2	3	2	4	0	49
(1)	4.65	1.16	.00	.00	.00	.58	.00	.00	.00	2.33	7.56	5.81	1.16	1.74	1.16	2.33	.00	28.49
(2)	.18	.04	.00	.00	.00	.02	.00	.00	.00	.09	.29	.22	.04	.07	.04	.09	.00	1.10
13-18	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.58	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.58
(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	15	15	12	13	9	9	4	3	3	19	41	11	4	3	4	7	0	172
(1)	8.72	8.72	6.98	7.56	5.23	5.23	2.33	1.74	1.74	11.05	23.84	6.40	2.33	1.74	2.33	4.07	.00	100.00
(2)	.34	.34	.27	.29	.20	.20	.09	.07	.07	.43	.92	.25	.09	.07	.09	.16	.00	3.85

(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 .50 MPH)

Table 2.7-70— SSES 33' (10m) 2001-2006 August JFD

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 4.89

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	3	2	6	7	8	3	7	3	8	5	2	0	1	0	0	0	0	55
(1)	1.38	.92	2.75	3.21	3.67	1.38	3.21	1.38	3.67	2.29	.92	.00	.46	.00	.00	.00	.00	25.23
(2)	.07	.04	.13	.16	.18	.07	.16	.07	.18	.11	.04	.00	.02	.00	.00	.00	.00	1.23
4-7	11	19	9	1	2	0	4	2	6	17	32	6	2	1	4	3	0	119
(1)	5.05	8.72	4.13	.46	.92	.00	1.83	.92	2.75	7.80	14.68	2.75	.92	.46	1.83	1.38	.00	54.59
(2)	.25	.43	.20	.02	.04	.00	.09	.04	.13	.38	.72	.13	.04	.02	.09	.07	.00	2.67
8-12	6	2	0	0	0	0	0	0	0	1	15	8	2	2	3	2	0	41
(1)	2.75	.92	.00	.00	.00	.00	.00	.00	.00	.46	6.88	3.67	.92	.92	1.38	.92	.00	18.81
(2)	.13	.04	.00	.00	.00	.00	.00	.00	.00	.02	.34	.18	.04	.04	.07	.04	.00	.92
13-18	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.38	.00	.00	.00	.00	.00	1.38
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.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	20	23	15	8	10	3	11	5	14	23	49	17	5	3	7	5	0	218
(1)	9.17	10.55	6.88	3.67	4.59	1.38	5.05	2.29	6.42	10.55	22.48	7.80	2.29	1.38	3.21	2.29	.00	100.00
(2)	.45	.52	.34	.18	.22	.07	.25	.11	.31	.52	1.10	.38	.11	.07	.16	.11	.00	4.89

(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 .50 MPH)

Table 2.7-70— SSES 33' (10m) 2001-2006 August JFD

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 27.25

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	21	54	70	51	51	41	49	37	51	41	30	12	5	2	2	4	0	521
(1)	1.73	4.44	5.76	4.19	4.19	3.37	4.03	3.04	4.19	3.37	2.47	.99	.41	.16	.16	.33	.00	42.85
(2)	.47	1.21	1.57	1.14	1.14	.92	1.10	.83	1.14	.92	.67	.27	.11	.04	.04	.09	.00	11.68
4-7	61	71	38	7	14	26	19	25	43	67	121	31	11	17	15	27	0	593
(1)	5.02	5.84	3.13	.58	1.15	2.14	1.56	2.06	3.54	5.51	9.95	2.55	.90	1.40	1.23	2.22	.00	48.77
(2)	1.37	1.59	.85	.16	.31	.58	.43	.56	.96	1.50	2.71	.69	.25	.38	.34	.61	.00	13.29
8-12	22	10	0	0	1	3	0	0	3	2	27	7	4	1	8	14	0	102
(1)	1.81	.82	.00	.00	.08	.25	.00	.00	.25	.16	2.22	.58	.33	.08	.66	1.15	.00	8.39
(2)	.49	.22	.00	.00	.02	.07	.00	.00	.07	.04	.61	.16	.09	.02	.18	.31	.00	2.29
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	104	135	108	58	66	70	68	62	97	110	178	50	20	20	25	45	0	1216
(1)	8.55	11.10	8.88	4.77	5.43	5.76	5.59	5.10	7.98	9.05	14.64	4.11	1.64	1.64	2.06	3.70	.00	100.00
(2)	2.33	3.03	2.42	1.30	1.48	1.57	1.52	1.39	2.17	2.47	3.99	1.12	.45	.45	.56	1.01	.00	27.25

(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 .50 MPH)

Table 2.7-70— SSES 33' (10m) 2001-2006 August JFD

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 32.12

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	27	74	185	263	168	86	80	78	104	60	16	4	7	3	2	5	0	1162
(1)	1.88	5.16	12.91	18.35	11.72	6.00	5.58	5.44	7.26	4.19	1.12	.28	.49	.21	.14	.35	.00	81.09
(2)	.61	1.66	4.15	5.89	3.77	1.93	1.79	1.75	2.33	1.34	.36	.09	.16	.07	.04	.11	.00	26.04
4-7	33	47	19	3	2	2	8	9	18	52	40	6	0	6	2	11	0	258
(1)	2.30	3.28	1.33	.21	.14	.14	.56	.63	1.26	3.63	2.79	.42	.00	.42	.14	.77	.00	18.00
(2)	.74	1.05	.43	.07	.04	.04	.18	.20	.40	1.17	.90	.13	.00	.13	.04	.25	.00	5.78
8-12	2	2	0	0	0	0	1	2	5	0	1	0	0	0	0	0	0	13
(1)	.14	.14	.00	.00	.00	.00	.07	.14	.35	.00	.07	.00	.00	.00	.00	.00	.00	.91
(2)	.04	.04	.00	.00	.00	.00	.02	.04	.11	.00	.02	.00	.00	.00	.00	.00	.00	.29
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	62	123	204	266	170	88	89	89	127	112	57	10	7	9	4	16	0	1433
(1)	4.33	8.58	14.24	18.56	11.86	6.14	6.21	6.21	8.86	7.82	3.98	.70	.49	.63	.28	1.12	.00	100.00
(2)	1.39	2.76	4.57	5.96	3.81	1.97	1.99	1.99	2.85	2.51	1.28	.22	.16	.20	.09	.36	.00	32.12

(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 .50 MPH)

Table 2.7-70— SSES 33' (10m) 2001-2006 August JFD

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 15.37

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	3	14	87	347	113	31	28	10	20	7	6	1	0	0	0	1	0	668
(1)	.44	2.04	12.68	50.58	16.47	4.52	4.08	1.46	2.92	1.02	.87	.15	.00	.00	.00	.15	.00	97.38
(2)	.07	.31	1.95	7.78	2.53	.69	.63	.22	.45	.16	.13	.02	.00	.00	.00	.02	.00	14.97
4-7	0	8	3	5	0	0	0	0	0	1	1	0	0	0	0	0	0	18
(1)	.00	1.17	.44	.73	.00	.00	.00	.00	.00	.15	.15	.00	.00	.00	.00	.00	.00	2.62
(2)	.00	.18	.07	.11	.00	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00	.00	.40
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	22	90	352	113	31	28	10	20	8	7	1	0	0	0	1	0	686
(1)	.44	3.21	13.12	51.31	16.47	4.52	4.08	1.46	2.92	1.17	1.02	.15	.00	.00	.00	.15	.00	100.00
(2)	.07	.49	2.02	7.89	2.53	.69	.63	.22	.45	.18	.16	.02	.00	.00	.00	.02	.00	15.37

(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 .50 MPH)

Table 2.7-70— SSES 33' (10m) 2001-2006 August JFD

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS G 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	3	25	172	26	7	1	0	2	1	0	0	0	0	0	0	0	237
(1)	.00	1.26	10.46	71.97	10.88	2.93	.42	.00	.84	.42	.00	.00	.00	.00	.00	.00	.00	99.16
(2)	.00	.07	.56	3.85	.58	.16	.02	.00	.04	.02	.00	.00	.00	.00	.00	.00	.00	5.31
4-7	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.00	.84	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.84
(2)	.00	.00	.00	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04
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	3	25	174	26	7	1	0	2	1	0	0	0	0	0	0	0	239
(1)	.00	1.26	10.46	72.80	10.88	2.93	.42	.00	.84	.42	.00	.00	.00	.00	.00	.00	.00	100.00
(2)	.00	.07	.56	3.90	.58	.16	.02	.00	.04	.02	.00	.00	.00	.00	.00	.00	.00	5.36

(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 .50 MPH)

Table 2.7-70— SSES 33' (10m) 2001-2006 August JFD

SSES 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	55	150	386	861	383	185	176	136	197	121	60	19	14	6	4	11	0	2764
(1)	1.23	3.36	8.65	19.30	8.58	4.15	3.94	3.05	4.42	2.71	1.34	.43	.31	.13	.09	.25	.00	61.95
(2)	1.23	3.36	8.65	19.30	8.58	4.15	3.94	3.05	4.42	2.71	1.34	.43	.31	.13	.09	.25	.00	61.95
4-7	121	178	99	30	23	32	41	50	90	200	295	56	17	33	26	49	0	1340
(1)	2.71	3.99	2.22	.67	.52	.72	.92	1.12	2.02	4.48	6.61	1.26	.38	.74	.58	1.10	.00	30.03
(2)	2.71	3.99	2.22	.67	.52	.72	.92	1.12	2.02	4.48	6.61	1.26	.38	.74	.58	1.10	.00	30.03
8-12	49	28	0	0	1	6	2	2	10	15	114	62	16	7	15	24	0	351
(1)	1.10	.63	.00	.00	.02	.13	.04	.04	.22	.34	2.55	1.39	.36	.16	.34	.54	.00	7.87
(2)	1.10	.63	.00	.00	.02	.13	.04	.04	.22	.34	2.55	1.39	.36	.16	.34	.54	.00	7.87
13-18	3	1	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	7
(1)	.07	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00	.00	.00	.00	.16
(2)	.07	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00	.00	.00	.00	.16
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	228	357	485	891	407	223	219	188	297	336	469	140	47	46	45	84	0	4462
(1)	5.11	8.00	10.87	19.97	9.12	5.00	4.91	4.21	6.66	7.53	10.51	3.14	1.05	1.03	1.01	1.88	.00	100.00
(2)	5.11	8.00	10.87	19.97	9.12	5.00	4.91	4.21	6.66	7.53	10.51	3.14	1.05	1.03	1.01	1.88	.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 .50 MPH)

Table 2.7-71— SSES 33' (10m) 2001-2006 September JFD

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 7.01

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	4	4	6	11	14	6	5	3	5	7	3	1	0	0	1	0	70
(1)	.00	1.32	1.32	1.98	3.63	4.62	1.98	1.65	.99	1.65	2.31	.99	.33	.00	.00	.33	.00	23.10
(2)	.00	.09	.09	.14	.25	.32	.14	.12	.07	.12	.16	.07	.02	.00	.00	.02	.00	1.62
4-7	5	14	13	3	4	2	11	18	15	31	37	11	2	0	5	3	0	174
(1)	1.65	4.62	4.29	.99	1.32	.66	3.63	5.94	4.95	10.23	12.21	3.63	.66	.00	1.65	.99	.00	57.43
(2)	.12	.32	.30	.07	.09	.05	.25	.42	.35	.72	.86	.25	.05	.00	.12	.07	.00	4.03
8-12	10	0	4	0	0	0	0	6	6	6	16	7	1	2	0	1	0	59
(1)	3.30	.00	1.32	.00	.00	.00	.00	1.98	1.98	1.98	5.28	2.31	.33	.66	.00	.33	.00	19.47
(2)	.23	.00	.09	.00	.00	.00	.00	.14	.14	.14	.37	.16	.02	.05	.00	.02	.00	1.37
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	18	21	9	15	16	17	29	24	42	60	21	4	2	5	5	0	303
(1)	4.95	5.94	6.93	2.97	4.95	5.28	5.61	9.57	7.92	13.86	19.80	6.93	1.32	.66	1.65	1.65	.00	100.00
(2)	.35	.42	.49	.21	.35	.37	.39	.67	.56	.97	1.39	.49	.09	.05	.12	.12	.00	7.01

(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 .50 MPH)

Table 2.7-71— SSES 33' (10m) 2001-2006 September JFD

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 3.73

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	1	0	4	5	5	4	2	1	4	5	7	0	0	0	0	0	0	38
(1)	.62	.00	2.48	3.11	3.11	2.48	1.24	.62	2.48	3.11	4.35	.00	.00	.00	.00	.00	.00	23.60
(2)	.02	.00	.09	.12	.12	.09	.05	.02	.09	.12	.16	.00	.00	.00	.00	.00	.00	.88
4-7	5	12	7	1	0	0	3	2	5	8	25	4	2	1	5	2	0	82
(1)	3.11	7.45	4.35	.62	.00	.00	1.86	1.24	3.11	4.97	15.53	2.48	1.24	.62	3.11	1.24	.00	50.93
(2)	.12	.28	.16	.02	.00	.00	.07	.05	.12	.19	.58	.09	.05	.02	.12	.05	.00	1.90
8-12	1	3	0	0	0	0	3	1	1	0	7	4	4	5	2	8	0	39
(1)	.62	1.86	.00	.00	.00	.00	1.86	.62	.62	.00	4.35	2.48	2.48	3.11	1.24	4.97	.00	24.22
(2)	.02	.07	.00	.00	.00	.00	.07	.02	.02	.00	.16	.09	.09	.12	.05	.19	.00	.90
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.24	.00	1.24
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.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	7	15	11	6	5	4	8	4	10	13	39	8	6	6	7	12	0	161
(1)	4.35	9.32	6.83	3.73	3.11	2.48	4.97	2.48	6.21	8.07	24.22	4.97	3.73	3.73	4.35	7.45	.00	100.00
(2)	.16	.35	.25	.14	.12	.09	.19	.09	.23	.30	.90	.19	.14	.14	.16	.28	.00	3.73

(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 .50 MPH)

Table 2.7-71— SSES 33' (10m) 2001-2006 September JFD

SSES SEPTEMBER 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 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	4	7	5	5	4	4	3	4	5	1	3	1	0	1	0	48
(1)	.00	.45	1.82	3.18	2.27	2.27	1.82	1.82	1.36	1.82	2.27	.45	1.36	.45	.00	.45	.00	21.82
(2)	.00	.02	.09	.16	.12	.12	.09	.09	.07	.09	.12	.02	.07	.02	.00	.02	.00	1.11
4-7	5	21	9	2	0	3	3	5	10	8	32	9	4	7	2	4	0	124
(1)	2.27	9.55	4.09	.91	.00	1.36	1.36	2.27	4.55	3.64	14.55	4.09	1.82	3.18	.91	1.82	.00	56.36
(2)	.12	.49	.21	.05	.00	.07	.07	.12	.23	.19	.74	.21	.09	.16	.05	.09	.00	2.87
8-12	13	9	0	0	1	0	2	0	0	1	2	7	1	1	4	5	0	46
(1)	5.91	4.09	.00	.00	.45	.00	.91	.00	.00	.45	.91	3.18	.45	.45	1.82	2.27	.00	20.91
(2)	.30	.21	.00	.00	.02	.00	.05	.00	.00	.02	.05	.16	.02	.02	.09	.12	.00	1.06
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.91	.00	.91
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.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	18	31	13	9	6	8	9	9	13	13	39	17	8	9	6	12	0	220
(1)	8.18	14.09	5.91	4.09	2.73	3.64	4.09	4.09	5.91	5.91	17.73	7.73	3.64	4.09	2.73	5.45	.00	100.00
(2)	.42	.72	.30	.21	.14	.19	.21	.21	.30	.30	.90	.39	.19	.21	.14	.28	.00	5.09

(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 .50 MPH)

Table 2.7-71— SSES 33' (10m) 2001-2006 September JFD

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 29.05

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	13	41	63	59	46	49	40	28	41	27	25	16	4	3	10	3	0	468
(1)	1.04	3.27	5.02	4.70	3.67	3.90	3.19	2.23	3.27	2.15	1.99	1.27	.32	.24	.80	.24	.00	37.29
(2)	.30	.95	1.46	1.37	1.06	1.13	.93	.65	.95	.63	.58	.37	.09	.07	.23	.07	.00	10.83
4-7	58	115	40	22	9	28	34	28	56	59	74	29	16	11	20	36	0	635
(1)	4.62	9.16	3.19	1.75	.72	2.23	2.71	2.23	4.46	4.70	5.90	2.31	1.27	.88	1.59	2.87	.00	50.60
(2)	1.34	2.66	.93	.51	.21	.65	.79	.65	1.30	1.37	1.71	.67	.37	.25	.46	.83	.00	14.70
8-12	14	13	1	4	0	1	2	2	7	5	28	18	7	5	17	13	0	137
(1)	1.12	1.04	.08	.32	.00	.08	.16	.16	.56	.40	2.23	1.43	.56	.40	1.35	1.04	.00	10.92
(2)	.32	.30	.02	.09	.00	.02	.05	.05	.16	.12	.65	.42	.16	.12	.39	.30	.00	3.17
13-18	0	0	0	3	0	0	1	0	2	0	0	0	1	1	3	4	0	15
(1)	.00	.00	.00	.24	.00	.00	.08	.00	.16	.00	.00	.00	.08	.08	.24	.32	.00	1.20
(2)	.00	.00	.00	.07	.00	.00	.02	.00	.05	.00	.00	.00	.02	.02	.07	.09	.00	.35
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	85	169	104	88	55	78	77	58	106	91	127	63	28	20	50	56	0	1255
(1)	6.77	13.47	8.29	7.01	4.38	6.22	6.14	4.62	8.45	7.25	10.12	5.02	2.23	1.59	3.98	4.46	.00	100.00
(2)	1.97	3.91	2.41	2.04	1.27	1.81	1.78	1.34	2.45	2.11	2.94	1.46	.65	.46	1.16	1.30	.00	29.05

(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 .50 MPH)

Table 2.7-71— SSES 33' (10m) 2001-2006 September JFD

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 31.48

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	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	74	143	184	124	64	53	69	69	45	21	3	3	1	4	2	0	876
(1)	1.25	5.44	10.51	13.53	9.12	4.71	3.90	5.07	5.07	3.31	1.54	.22	.22	.07	.29	.15	.00	64.41
(2)	.39	1.71	3.31	4.26	2.87	1.48	1.23	1.60	1.60	1.04	.49	.07	.07	.02	.09	.05	.00	20.28
4-7	32	81	41	14	6	12	13	26	38	52	28	16	10	3	9	19	0	400
(1)	2.35	5.96	3.01	1.03	.44	.88	.96	1.91	2.79	3.82	2.06	1.18	.74	.22	.66	1.40	.00	29.41
(2)	.74	1.88	.95	.32	.14	.28	.30	.60	.88	1.20	.65	.37	.23	.07	.21	.44	.00	9.26
8-12	1	17	10	7	2	2	3	7	8	3	3	3	0	0	1	2	0	69
(1)	.07	1.25	.74	.51	.15	.15	.22	.51	.59	.22	.22	.22	.00	.00	.07	.15	.00	5.07
(2)	.02	.39	.23	.16	.05	.05	.07	.16	.19	.07	.07	.07	.00	.00	.02	.05	.00	1.60
13-18	0	3	0	3	0	2	5	0	0	0	1	0	0	0	0	0	0	14
(1)	.00	.22	.00	.22	.00	.15	.37	.00	.00	.00	.07	.00	.00	.00	.00	.00	.00	1.03
(2)	.00	.07	.00	.07	.00	.05	.12	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.32
19-24	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
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	50	176	194	208	132	80	74	102	115	100	53	22	13	4	14	23	0	1360
(1)	3.68	12.94	14.26	15.29	9.71	5.88	5.44	7.50	8.46	7.35	3.90	1.62	.96	.29	1.03	1.69	.00	100.00
(2)	1.16	4.07	4.49	4.81	3.06	1.85	1.71	2.36	2.66	2.31	1.23	.51	.30	.09	.32	.53	.00	31.48

(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 .50 MPH)

Table 2.7-71— SSES 33' (10m) 2001-2006 September JFD

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS F — CLASS FREQUENCY (PERCENT) = 16.25

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	18	86	360	97	32	15	25	22	9	2	1	0	0	1	0	0	674
(1)	.85	2.56	12.25	51.28	13.82	4.56	2.14	3.56	3.13	1.28	.28	.14	.00	.00	.14	.00	.00	96.01
(2)	.14	.42	1.99	8.33	2.25	.74	.35	.58	.51	.21	.05	.02	.00	.00	.02	.00	.00	15.60
4-7	0	8	1	15	0	0	0	1	1	1	0	0	0	0	0	1	0	28
(1)	.00	1.14	.14	2.14	.00	.00	.00	.14	.14	.14	.00	.00	.00	.00	.00	.14	.00	3.99
(2)	.00	.19	.02	.35	.00	.00	.00	.02	.02	.02	.00	.00	.00	.00	.00	.02	.00	.65
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	6	26	87	375	97	32	15	26	23	10	2	1	0	0	1	1	0	702
(1)	.85	3.70	12.39	53.42	13.82	4.56	2.14	3.70	3.28	1.42	.28	.14	.00	.00	.14	.14	.00	100.00
(2)	.14	.60	2.01	8.68	2.25	.74	.35	.60	.53	.23	.05	.02	.00	.00	.02	.02	.00	16.25

(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 .50 MPH)

Table 2.7-71— SSES 33' (10m) 2001-2006 September JFD

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS G — CLASS FREQUENCY (PERCENT) = 7.38

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	43	208	41	10	3	2	3	0	0	0	0	0	0	0	0	315
(1)	.63	.94	13.48	65.20	12.85	3.13	.94	.63	.94	.00	.00	.00	.00	.00	.00	.00	.00	98.75
(2)	.05	.07	1.00	4.81	.95	.23	.07	.05	.07	.00	.00	.00	.00	.00	.00	.00	.00	7.29
4-7	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
(1)	.00	.00	.00	1.25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.25
(2)	.00	.00	.00	.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09
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	3	43	212	41	10	3	2	3	0	0	0	0	0	0	0	0	319
(1)	.63	.94	13.48	66.46	12.85	3.13	.94	.63	.94	.00	.00	.00	.00	.00	.00	.00	.00	100.00
(2)	.05	.07	1.00	4.91	.95	.23	.07	.05	.07	.00	.00	.00	.00	.00	.00	.00	.00	7.38

(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 .50 MPH)

Table 2.7-71— SSES 33' (10m) 2001-2006 September JFD

SSES 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	39	141	347	829	329	178	123	134	145	95	67	24	11	5	15	7	0	2489
(1)	.90	3.26	8.03	19.19	7.62	4.12	2.85	3.10	3.36	2.20	1.55	.56	.25	.12	.35	.16	.00	57.62
(2)	.90	3.26	8.03	19.19	7.62	4.12	2.85	3.10	3.36	2.20	1.55	.56	.25	.12	.35	.16	.00	57.62
4-7	105	251	111	61	19	45	64	80	125	159	196	69	34	22	41	65	0	1447
(1)	2.43	5.81	2.57	1.41	.44	1.04	1.48	1.85	2.89	3.68	4.54	1.60	.79	.51	.95	1.50	.00	33.50
(2)	2.43	5.81	2.57	1.41	.44	1.04	1.48	1.85	2.89	3.68	4.54	1.60	.79	.51	.95	1.50	.00	33.50
8-12	39	42	15	11	3	3	10	16	22	15	56	39	13	13	24	29	0	350
(1)	.90	.97	.35	.25	.07	.07	.23	.37	.51	.35	1.30	.90	.30	.30	.56	.67	.00	8.10
(2)	.90	.97	.35	.25	.07	.07	.23	.37	.51	.35	1.30	.90	.30	.30	.56	.67	.00	8.10
13-18	0	3	0	6	0	2	6	0	2	0	1	0	1	1	3	8	0	33
(1)	.00	.07	.00	.14	.00	.05	.14	.00	.05	.00	.02	.00	.02	.02	.07	.19	.00	.76
(2)	.00	.07	.00	.14	.00	.05	.14	.00	.05	.00	.02	.00	.02	.02	.07	.19	.00	.76
19-24	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.02	.00	.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	183	438	473	907	351	228	203	230	294	269	320	132	59	41	83	109	0	4320
(1)	4.24	10.14	10.95	21.00	8.13	5.28	4.70	5.32	6.81	6.23	7.41	3.06	1.37	.95	1.92	2.52	.00	100.00
(2)	4.24	10.14	10.95	21.00	8.13	5.28	4.70	5.32	6.81	6.23	7.41	3.06	1.37	.95	1.92	2.52	.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 .50 MPH)

Table 2.7-72— SSES 33' (10m) 2001-2006 October JFD

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) = 2.55

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	0	1	3	4	2	3	1	1	5	0	0	1	1	0	24
(1)	.00	.89	.89	.00	.89	2.68	3.57	1.79	2.68	.89	.89	4.46	.00	.00	.89	.89	.00	21.43
(2)	.00	.02	.02	.00	.02	.07	.09	.05	.07	.02	.02	.11	.00	.00	.02	.02	.00	.55
4-7	0	2	6	1	0	0	2	7	9	9	25	5	0	0	0	0	0	66
(1)	.00	1.79	5.36	.89	.00	.00	1.79	6.25	8.04	8.04	22.32	4.46	.00	.00	.00	.00	.00	58.93
(2)	.00	.05	.14	.02	.00	.00	.05	.16	.21	.21	.57	.11	.00	.00	.00	.00	.00	1.50
8-12	0	2	0	0	0	0	1	0	0	1	14	4	0	0	0	0	0	22
(1)	.00	1.79	.00	.00	.00	.00	.89	.00	.00	.89	12.50	3.57	.00	.00	.00	.00	.00	19.64
(2)	.00	.05	.00	.00	.00	.00	.02	.00	.00	.02	.32	.09	.00	.00	.00	.00	.00	.50
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	5	7	1	1	3	7	9	12	11	40	14	0	0	1	1	0	112
(1)	.00	4.46	6.25	.89	.89	2.68	6.25	8.04	10.71	9.82	35.71	12.50	.00	.00	.89	.89	.00	100.00
(2)	.00	.11	.16	.02	.02	.07	.16	.21	.27	.25	.91	.32	.00	.00	.02	.02	.00	2.55

(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 .50 MPH)

Table 2.7-72— SSES 33' (10m) 2001-2006 October JFD

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 2.39

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	0	2	2	3	0	2	0	1	2	0	0	0	1	0	0	0	15
(1)	1.90	.00	1.90	1.90	2.86	.00	1.90	.00	.95	1.90	.00	.00	.00	.95	.00	.00	.00	14.29
(2)	.05	.00	.05	.05	.07	.00	.05	.00	.02	.05	.00	.00	.00	.02	.00	.00	.00	.34
4-7	1	3	3	2	0	0	5	1	3	4	17	7	1	0	0	1	0	48
(1)	.95	2.86	2.86	1.90	.00	.00	4.76	.95	2.86	3.81	16.19	6.67	.95	.00	.00	.95	.00	45.71
(2)	.02	.07	.07	.05	.00	.00	.11	.02	.07	.09	.39	.16	.02	.00	.00	.02	.00	1.09
8-12	1	3	0	0	0	0	1	1	2	0	15	11	3	0	0	0	0	37
(1)	.95	2.86	.00	.00	.00	.00	.95	.95	1.90	.00	14.29	10.48	2.86	.00	.00	.00	.00	35.24
(2)	.02	.07	.00	.00	.00	.00	.02	.02	.05	.00	.34	.25	.07	.00	.00	.00	.00	.84
13-18	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.81	.95	.00	.00	.00	.00	.00	4.76
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.02	.00	.00	.00	.00	.00	.11
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	6	5	4	3	0	8	2	6	6	36	19	4	1	0	1	0	105
(1)	3.81	5.71	4.76	3.81	2.86	.00	7.62	1.90	5.71	5.71	34.29	18.10	3.81	.95	.00	.95	.00	100.00
(2)	.09	.14	.11	.09	.07	.00	.18	.05	.14	.14	.82	.43	.09	.02	.00	.02	.00	2.39

(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 .50 MPH)

Table 2.7-72— SSES 33' (10m) 2001-2006 October JFD

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 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	1	0	1	1	0	2	0	0	1	2	4	0	0	0	0	0	0	12
(1)	.62	.00	.62	.62	.00	1.23	.00	.00	.62	1.23	2.47	.00	.00	.00	.00	.00	.00	7.41
(2)	.02	.00	.02	.02	.00	.05	.00	.00	.02	.05	.09	.00	.00	.00	.00	.00	.00	.27
4-7	4	9	5	4	0	2	4	4	7	4	31	10	3	1	1	0	0	89
(1)	2.47	5.56	3.09	2.47	.00	1.23	2.47	2.47	4.32	2.47	19.14	6.17	1.85	.62	.62	.00	.00	54.94
(2)	.09	.21	.11	.09	.00	.05	.09	.09	.16	.09	.71	.23	.07	.02	.02	.00	.00	2.03
8-12	5	5	0	0	0	0	1	1	4	2	11	11	11	1	0	2	0	54
(1)	3.09	3.09	.00	.00	.00	.00	.62	.62	2.47	1.23	6.79	6.79	6.79	.62	.00	1.23	.00	33.33
(2)	.11	.11	.00	.00	.00	.00	.02	.02	.09	.05	.25	.25	.25	.02	.00	.05	.00	1.23
13-18	0	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	0	7
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.23	3.09	.00	.00	.00	.00	.00	4.32
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.11	.00	.00	.00	.00	.00	.16
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	14	6	5	0	4	5	5	12	8	48	26	14	2	1	2	0	162
(1)	6.17	8.64	3.70	3.09	.00	2.47	3.09	3.09	7.41	4.94	29.63	16.05	8.64	1.23	.62	1.23	.00	100.00
(2)	.23	.32	.14	.11	.00	.09	.11	.11	.27	.18	1.09	.59	.32	.05	.02	.05	.00	3.69

(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 .50 MPH)

Table 2.7-72— SSES 33' (10m) 2001-2006 October JFD

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 37.57

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	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06
(2)	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
C-3	14	54	43	40	52	43	33	41	26	34	27	13	1	3	3	4	0	431
(1)	.85	3.27	2.61	2.43	3.15	2.61	2.00	2.49	1.58	2.06	1.64	.79	.06	.18	.18	.24	.00	26.14
(2)	.32	1.23	.98	.91	1.18	.98	.75	.93	.59	.77	.62	.30	.02	.07	.07	.09	.00	9.82
4-7	71	109	69	18	12	21	46	28	34	49	90	51	37	31	28	36	0	730
(1)	4.31	6.61	4.18	1.09	.73	1.27	2.79	1.70	2.06	2.97	5.46	3.09	2.24	1.88	1.70	2.18	.00	44.27
(2)	1.62	2.48	1.57	.41	.27	.48	1.05	.64	.77	1.12	2.05	1.16	.84	.71	.64	.82	.00	16.63
8-12	38	17	0	1	0	1	8	1	9	7	43	44	50	46	81	40	0	386
(1)	2.30	1.03	.00	.06	.00	.06	.49	.06	.55	.42	2.61	2.67	3.03	2.79	4.91	2.43	.00	23.41
(2)	.87	.39	.00	.02	.00	.02	.18	.02	.21	.16	.98	1.00	1.14	1.05	1.85	.91	.00	8.79
13-18	0	0	0	0	0	0	1	0	0	0	14	57	8	4	5	0	0	89
(1)	.00	.00	.00	.00	.00	.00	.06	.00	.00	.00	.85	3.46	.49	.24	.30	.00	.00	5.40
(2)	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.32	1.30	.18	.09	.11	.00	.00	2.03
19-24	0	0	0	0	0	0	0	0	0	0	0	8	4	0	0	0	0	12
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.49	.24	.00	.00	.00	.00	.73
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.18	.09	.00	.00	.00	.00	.27
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	123	180	112	60	64	65	88	70	69	90	174	173	100	84	117	80	0	1649
(1)	7.46	10.92	6.79	3.64	3.88	3.94	5.34	4.24	4.18	5.46	10.55	10.49	6.06	5.09	7.10	4.85	.00	100.00
(2)	2.80	4.10	2.55	1.37	1.46	1.48	2.01	1.59	1.57	2.05	3.96	3.94	2.28	1.91	2.67	1.82	.00	37.57

(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 .50 MPH)

Table 2.7-72— SSES 33' (10m) 2001-2006 October JFD

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 32.38

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	1	0	0	0	0	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.00	.14	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.21
(2)	.00	.00	.00	.05	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
C-3	28	85	124	144	89	70	71	62	82	64	27	12	6	4	3	6	0	877
(1)	1.97	5.98	8.73	10.13	6.26	4.93	5.00	4.36	5.77	4.50	1.90	.84	.42	.28	.21	.42	.00	61.72
(2)	.64	1.94	2.83	3.28	2.03	1.59	1.62	1.41	1.87	1.46	.62	.27	.14	.09	.07	.14	.00	19.98
4-7	26	103	52	10	4	4	11	16	41	70	59	29	15	10	14	14	0	478
(1)	1.83	7.25	3.66	.70	.28	.28	.77	1.13	2.89	4.93	4.15	2.04	1.06	.70	.99	.99	.00	33.64
(2)	.59	2.35	1.18	.23	.09	.09	.25	.36	.93	1.59	1.34	.66	.34	.23	.32	.32	.00	10.89
8-12	1	4	1	0	0	5	7	5	3	6	16	7	0	0	1	4	0	60
(1)	.07	.28	.07	.00	.00	.35	.49	.35	.21	.42	1.13	.49	.00	.00	.07	.28	.00	4.22
(2)	.02	.09	.02	.00	.00	.11	.16	.11	.07	.14	.36	.16	.00	.00	.02	.09	.00	1.37
13-18	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.14	.00	.00	.00	.00	.00	.21
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.05	.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	55	192	177	156	94	79	89	83	126	140	103	50	21	14	18	24	0	1421
(1)	3.87	13.51	12.46	10.98	6.62	5.56	6.26	5.84	8.87	9.85	7.25	3.52	1.48	.99	1.27	1.69	.00	100.00
(2)	1.25	4.37	4.03	3.55	2.14	1.80	2.03	1.89	2.87	3.19	2.35	1.14	.48	.32	.41	.55	.00	32.38

(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 .50 MPH)

Table 2.7-72— SSES 33' (10m) 2001-2006 October JFD

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 12.28

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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.19
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
C-3	2	15	67	228	89	27	19	18	22	13	7	3	1	1	2	2	0	516
(1)	.37	2.78	12.43	42.30	16.51	5.01	3.53	3.34	4.08	2.41	1.30	.56	.19	.19	.37	.37	.00	95.73
(2)	.05	.34	1.53	5.19	2.03	.62	.43	.41	.50	.30	.16	.07	.02	.02	.05	.05	.00	11.76
4-7	0	3	5	8	0	0	0	2	0	3	1	0	0	0	0	0	0	22
(1)	.00	.56	.93	1.48	.00	.00	.00	.37	.00	.56	.19	.00	.00	.00	.00	.00	.00	4.08
(2)	.00	.07	.11	.18	.00	.00	.00	.05	.00	.07	.02	.00	.00	.00	.00	.00	.00	.50
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	19	72	236	89	27	19	20	22	16	8	3	1	1	2	2	0	539
(1)	.37	3.53	13.36	43.78	16.51	5.01	3.53	3.71	4.08	2.97	1.48	.56	.19	.19	.37	.37	.00	100.00
(2)	.05	.43	1.64	5.38	2.03	.62	.43	.46	.50	.36	.18	.07	.02	.02	.05	.05	.00	12.28

(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 .50 MPH)

Table 2.7-72— SSES 33' (10m) 2001-2006 October JFD

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS G — CLASS FREQUENCY (PERCENT) = 9.14

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	0	0	0	0	0	0	0	1
(1)	.25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.25
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
C-3	2	6	49	248	55	13	9	4	3	2	0	0	0	0	1	0	0	392
(1)	.50	1.50	12.22	61.85	13.72	3.24	2.24	1.00	.75	.50	.00	.00	.00	.00	.25	.00	.00	97.76
(2)	.05	.14	1.12	5.65	1.25	.30	.21	.09	.07	.05	.00	.00	.00	.00	.02	.00	.00	8.93
4-7	0	0	1	6	1	0	0	0	0	0	0	0	0	0	0	0	0	8
(1)	.00	.00	.25	1.50	.25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.00
(2)	.00	.00	.02	.14	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.18
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	6	50	254	56	13	9	4	3	2	0	0	0	0	1	0	0	401
(1)	.75	1.50	12.47	63.34	13.97	3.24	2.24	1.00	.75	.50	.00	.00	.00	.00	.25	.00	.00	100.00
(2)	.07	.14	1.14	5.79	1.28	.30	.21	.09	.07	.05	.00	.00	.00	.00	.02	.00	.00	9.14

(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 .50 MPH)

Table 2.7-72— SSES 33' (10m) 2001-2006 October JFD

SSES 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	3	1	0	0	0	0	0	0	0	0	0	0	0	0	6
(1)	.02	.02	.00	.07	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14
(2)	.02	.02	.00	.07	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14
C-3	49	161	287	663	289	158	138	127	138	118	66	33	8	9	10	13	0	2267
(1)	1.12	3.67	6.54	15.11	6.58	3.60	3.14	2.89	3.14	2.69	1.50	.75	.18	.21	.23	.30	.00	51.65
(2)	1.12	3.67	6.54	15.11	6.58	3.60	3.14	2.89	3.14	2.69	1.50	.75	.18	.21	.23	.30	.00	51.65
4-7	102	229	141	49	17	27	68	58	94	139	223	102	56	42	43	51	0	1441
(1)	2.32	5.22	3.21	1.12	.39	.62	1.55	1.32	2.14	3.17	5.08	2.32	1.28	.96	.98	1.16	.00	32.83
(2)	2.32	5.22	3.21	1.12	.39	.62	1.55	1.32	2.14	3.17	5.08	2.32	1.28	.96	.98	1.16	.00	32.83
8-12	45	31	1	1	0	6	18	8	18	16	99	77	64	47	82	46	0	559
(1)	1.03	.71	.02	.02	.00	.14	.41	.18	.41	.36	2.26	1.75	1.46	1.07	1.87	1.05	.00	12.74
(2)	1.03	.71	.02	.02	.00	.14	.41	.18	.41	.36	2.26	1.75	1.46	1.07	1.87	1.05	.00	12.74
13-18	0	0	0	0	0	0	1	0	0	0	21	65	8	4	5	0	0	104
(1)	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.48	1.48	.18	.09	.11	.00	.00	2.37
(2)	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.48	1.48	.18	.09	.11	.00	.00	2.37
19-24	0	0	0	0	0	0	0	0	0	0	0	8	4	0	0	0	0	12
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.18	.09	.00	.00	.00	.00	.27
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.18	.09	.00	.00	.00	.00	.27
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	197	422	429	716	307	191	225	193	250	273	409	285	140	102	140	110	0	4389
(1)	4.49	9.61	9.77	16.31	6.99	4.35	5.13	4.40	5.70	6.22	9.32	6.49	3.19	2.32	3.19	2.51	.00	100.00
(2)	4.49	9.61	9.77	16.31	6.99	4.35	5.13	4.40	5.70	6.22	9.32	6.49	3.19	2.32	3.19	2.51	.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 .50 MPH)

Table 2.7-73— SSES 33' (10m) 2001-2006 November JFD

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = .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	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	2.78	.00	.00	.00	.00	.00	.00	.00	.00	2.78
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.02
4-7	1	0	0	0	0	0	0	0	8	5	8	0	0	0	0	0	0	22
(1)	2.78	.00	.00	.00	.00	.00	.00	.00	22.22	13.89	22.22	.00	.00	.00	.00	.00	.00	61.11
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.19	.12	.19	.00	.00	.00	.00	.00	.00	.53
8-12	0	0	0	0	0	0	0	0	3	1	7	0	0	0	0	2	0	13
(1)	.00	.00	.00	.00	.00	.00	.00	.00	8.33	2.78	19.44	.00	.00	.00	.00	5.56	.00	36.11
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.07	.02	.17	.00	.00	.00	.00	.05	.00	.31
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	0	0	0	12	6	15	0	0	0	0	2	0	36
(1)	2.78	.00	.00	.00	.00	.00	.00	.00	33.33	16.67	41.67	.00	.00	.00	.00	5.56	.00	100.00
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.29	.14	.36	.00	.00	.00	.00	.05	.00	.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 .50 MPH)

Table 2.7-73— SSES 33' (10m) 2001-2006 November JFD

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 1.37

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	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	1.75	.00	.00	.00	.00	.00	.00	.00	1.75
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02
4-7	0	0	1	0	0	0	0	2	3	6	11	3	0	0	0	0	0	26
(1)	.00	.00	1.75	.00	.00	.00	.00	3.51	5.26	10.53	19.30	5.26	.00	.00	.00	.00	.00	45.61
(2)	.00	.00	.02	.00	.00	.00	.00	.05	.07	.14	.26	.07	.00	.00	.00	.00	.00	.63
8-12	0	0	0	0	0	0	0	1	3	2	14	5	2	0	0	0	0	27
(1)	.00	.00	.00	.00	.00	.00	.00	1.75	5.26	3.51	24.56	8.77	3.51	.00	.00	.00	.00	47.37
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.07	.05	.34	.12	.05	.00	.00	.00	.00	.65
13-18	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.26	.00	.00	.00	.00	.00	.00	5.26
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.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	0	0	1	0	0	0	0	3	6	9	28	8	2	0	0	0	0	57
(1)	.00	.00	1.75	.00	.00	.00	.00	5.26	10.53	15.79	49.12	14.04	3.51	.00	.00	.00	.00	100.00
(2)	.00	.00	.02	.00	.00	.00	.00	.07	.14	.22	.67	.19	.05	.00	.00	.00	.00	1.37

(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 .50 MPH)

Table 2.7-73— SSES 33' (10m) 2001-2006 November JFD

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 2.70

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	1	3	1	1	0	0	0	0	0	0	0	7
(1)	.00	.00	.00	.00	.89	.00	.89	2.68	.89	.89	.00	.00	.00	.00	.00	.00	.00	6.25
(2)	.00	.00	.00	.00	.02	.00	.02	.07	.02	.02	.00	.00	.00	.00	.00	.00	.00	.17
4-7	0	2	3	0	0	0	2	2	5	8	17	3	0	1	0	0	0	43
(1)	.00	1.79	2.68	.00	.00	.00	1.79	1.79	4.46	7.14	15.18	2.68	.00	.89	.00	.00	.00	38.39
(2)	.00	.05	.07	.00	.00	.00	.05	.05	.12	.19	.41	.07	.00	.02	.00	.00	.00	1.04
8-12	7	0	0	0	0	0	1	4	3	2	18	13	0	0	1	4	0	53
(1)	6.25	.00	.00	.00	.00	.00	.89	3.57	2.68	1.79	16.07	11.61	.00	.00	.89	3.57	.00	47.32
(2)	.17	.00	.00	.00	.00	.00	.02	.10	.07	.05	.43	.31	.00	.00	.02	.10	.00	1.28
13-18	0	0	0	0	0	0	0	0	0	0	5	3	0	0	1	0	0	9
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.46	2.68	.00	.00	.89	.00	.00	8.04
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.12	.07	.00	.00	.02	.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	7	2	3	0	1	0	4	9	9	11	40	19	0	1	2	4	0	112
(1)	6.25	1.79	2.68	.00	.89	.00	3.57	8.04	8.04	9.82	35.71	16.96	.00	.89	1.79	3.57	.00	100.00
(2)	.17	.05	.07	.00	.02	.00	.10	.22	.22	.26	.96	.46	.00	.02	.05	.10	.00	2.70

(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 .50 MPH)

Table 2.7-73— SSES 33' (10m) 2001-2006 November JFD

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 40.50

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	5	23	31	14	23	27	40	29	34	32	10	10	2	7	2	2	0	291
(1)	.30	1.37	1.84	.83	1.37	1.61	2.38	1.72	2.02	1.90	.59	.59	.12	.42	.12	.12	.00	17.30
(2)	.12	.55	.75	.34	.55	.65	.96	.70	.82	.77	.24	.24	.05	.17	.05	.05	.00	7.01
4-7	64	82	75	8	8	11	52	43	41	50	70	38	38	35	34	44	0	693
(1)	3.80	4.88	4.46	.48	.48	.65	3.09	2.56	2.44	2.97	4.16	2.26	2.26	2.08	2.02	2.62	.00	41.20
(2)	1.54	1.97	1.81	.19	.19	.26	1.25	1.04	.99	1.20	1.69	.92	.92	.84	.82	1.06	.00	16.69
8-12	49	7	1	0	1	2	36	23	12	16	84	73	34	36	87	86	0	547
(1)	2.91	.42	.06	.00	.06	.12	2.14	1.37	.71	.95	4.99	4.34	2.02	2.14	5.17	5.11	.00	32.52
(2)	1.18	.17	.02	.00	.02	.05	.87	.55	.29	.39	2.02	1.76	.82	.87	2.09	2.07	.00	13.17
13-18	4	0	0	0	0	0	3	12	6	0	11	26	11	25	22	15	0	135
(1)	.24	.00	.00	.00	.00	.00	.18	.71	.36	.00	.65	1.55	.65	1.49	1.31	.89	.00	8.03
(2)	.10	.00	.00	.00	.00	.00	.07	.29	.14	.00	.26	.63	.26	.60	.53	.36	.00	3.25
19-24	0	0	0	0	0	0	0	0	0	0	1	9	3	1	2	0	0	16
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06	.54	.18	.06	.12	.00	.00	.95
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.22	.07	.02	.05	.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	122	112	107	22	32	40	131	107	93	98	176	156	88	104	147	147	0	1682
(1)	7.25	6.66	6.36	1.31	1.90	2.38	7.79	6.36	5.53	5.83	10.46	9.27	5.23	6.18	8.74	8.74	.00	100.00
(2)	2.94	2.70	2.58	.53	.77	.96	3.15	2.58	2.24	2.36	4.24	3.76	2.12	2.50	3.54	3.54	.00	40.50

(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 .50 MPH)

Table 2.7-73— SSES 33' (10m) 2001-2006 November JFD

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 31.09

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	22	72	102	107	97	62	75	63	79	56	35	6	6	0	2	4	0	788
(1)	1.70	5.58	7.90	8.29	7.51	4.80	5.81	4.88	6.12	4.34	2.71	.46	.46	.00	.15	.31	.00	61.04
(2)	.53	1.73	2.46	2.58	2.34	1.49	1.81	1.52	1.90	1.35	.84	.14	.14	.00	.05	.10	.00	18.97
4-7	29	50	24	5	3	4	8	18	45	75	48	23	9	6	9	18	0	374
(1)	2.25	3.87	1.86	.39	.23	.31	.62	1.39	3.49	5.81	3.72	1.78	.70	.46	.70	1.39	.00	28.97
(2)	.70	1.20	.58	.12	.07	.10	.19	.43	1.08	1.81	1.16	.55	.22	.14	.22	.43	.00	9.01
8-12	4	1	2	1	0	1	3	17	25	18	15	12	1	1	3	6	0	110
(1)	.31	.08	.15	.08	.00	.08	.23	1.32	1.94	1.39	1.16	.93	.08	.08	.23	.46	.00	8.52
(2)	.10	.02	.05	.02	.00	.02	.07	.41	.60	.43	.36	.29	.02	.02	.07	.14	.00	2.65
13-18	0	0	0	0	0	5	2	6	3	0	1	2	0	0	0	0	0	19
(1)	.00	.00	.00	.00	.00	.39	.15	.46	.23	.00	.08	.15	.00	.00	.00	.00	.00	1.47
(2)	.00	.00	.00	.00	.00	.12	.05	.14	.07	.00	.02	.05	.00	.00	.00	.00	.00	.46
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	55	123	128	113	100	72	88	104	152	149	99	43	16	7	14	28	0	1291
(1)	4.26	9.53	9.91	8.75	7.75	5.58	6.82	8.06	11.77	11.54	7.67	3.33	1.24	.54	1.08	2.17	.00	100.00
(2)	1.32	2.96	3.08	2.72	2.41	1.73	2.12	2.50	3.66	3.59	2.38	1.04	.39	.17	.34	.67	.00	31.09

(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 .50 MPH)

Table 2.7-73— SSES 33' (10m) 2001-2006 November JFD

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 11.27

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	22	73	175	69	23	23	12	24	12	3	0	0	0	0	2	0	441
(1)	.64	4.70	15.60	37.39	14.74	4.91	4.91	2.56	5.13	2.56	.64	.00	.00	.00	.00	.43	.00	94.23
(2)	.07	.53	1.76	4.21	1.66	.55	.55	.29	.58	.29	.07	.00	.00	.00	.00	.05	.00	10.62
4-7	0	3	7	2	0	0	0	0	1	5	5	3	0	0	0	1	0	27
(1)	.00	.64	1.50	.43	.00	.00	.00	.00	.21	1.07	1.07	.64	.00	.00	.00	.21	.00	5.77
(2)	.00	.07	.17	.05	.00	.00	.00	.00	.02	.12	.12	.07	.00	.00	.00	.02	.00	.65
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	25	80	177	69	23	23	12	25	17	8	3	0	0	0	3	0	468
(1)	.64	5.34	17.09	37.82	14.74	4.91	4.91	2.56	5.34	3.63	1.71	.64	.00	.00	.00	.64	.00	100.00
(2)	.07	.60	1.93	4.26	1.66	.55	.55	.29	.60	.41	.19	.07	.00	.00	.00	.07	.00	11.27

(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 .50 MPH)

Table 2.7-73— SSES 33' (10m) 2001-2006 November JFD

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS G — CLASS FREQUENCY (PERCENT) = 12.21

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	2	4	80	307	52	20	11	3	5	2	4	0	0	0	0	2	0	492
(1)	.39	.79	15.78	60.55	10.26	3.94	2.17	.59	.99	.39	.79	.00	.00	.00	.00	.39	.00	97.04
(2)	.05	.10	1.93	7.39	1.25	.48	.26	.07	.12	.05	.10	.00	.00	.00	.00	.05	.00	11.85
4-7	1	0	5	9	0	0	0	0	0	0	0	0	0	0	0	0	0	15
(1)	.20	.00	.99	1.78	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.96
(2)	.02	.00	.12	.22	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.36
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	4	85	316	52	20	11	3	5	2	4	0	0	0	0	2	0	507
(1)	.59	.79	16.77	62.33	10.26	3.94	2.17	.59	.99	.39	.79	.00	.00	.00	.00	.39	.00	100.00
(2)	.07	.10	2.05	7.61	1.25	.48	.26	.07	.12	.05	.10	.00	.00	.00	.00	.05	.00	12.21

(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 .50 MPH)

Table 2.7-73— SSES 33' (10m) 2001-2006 November JFD

SSES 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	32	121	286	603	242	132	150	110	144	104	52	16	8	7	4	10	0	2021
(1)	.77	2.91	6.89	14.52	5.83	3.18	3.61	2.65	3.47	2.50	1.25	.39	.19	.17	.10	.24	.00	48.66
(2)	.77	2.91	6.89	14.52	5.83	3.18	3.61	2.65	3.47	2.50	1.25	.39	.19	.17	.10	.24	.00	48.66
4-7	95	137	115	24	11	15	62	65	103	149	159	70	47	42	43	63	0	1200
(1)	2.29	3.30	2.77	.58	.26	.36	1.49	1.57	2.48	3.59	3.83	1.69	1.13	1.01	1.04	1.52	.00	28.89
(2)	2.29	3.30	2.77	.58	.26	.36	1.49	1.57	2.48	3.59	3.83	1.69	1.13	1.01	1.04	1.52	.00	28.89
8-12	60	8	3	1	1	3	40	45	46	39	138	103	37	37	91	98	0	750
(1)	1.44	.19	.07	.02	.02	.07	.96	1.08	1.11	.94	3.32	2.48	.89	.89	2.19	2.36	.00	18.06
(2)	1.44	.19	.07	.02	.02	.07	.96	1.08	1.11	.94	3.32	2.48	.89	.89	2.19	2.36	.00	18.06
13-18	4	0	0	0	0	5	5	18	9	0	20	31	11	25	23	15	0	166
(1)	.10	.00	.00	.00	.00	.12	.12	.43	.22	.00	.48	.75	.26	.60	.55	.36	.00	4.00
(2)	.10	.00	.00	.00	.00	.12	.12	.43	.22	.00	.48	.75	.26	.60	.55	.36	.00	4.00
19-24	0	0	0	0	0	0	0	0	0	0	1	9	3	1	2	0	0	16
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.22	.07	.02	.05	.00	.00	.39
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.22	.07	.02	.05	.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	191	266	404	628	254	155	257	238	302	292	370	229	106	112	163	186	0	4153
(1)	4.60	6.41	9.73	15.12	6.12	3.73	6.19	5.73	7.27	7.03	8.91	5.51	2.55	2.70	3.92	4.48	.00	100.00
(2)	4.60	6.41	9.73	15.12	6.12	3.73	6.19	5.73	7.27	7.03	8.91	5.51	2.55	2.70	3.92	4.48	.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 .50 MPH)

Table 2.7-74— SSES 33' (10m) 2001-2006 December JFD

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) = .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	0	0	0	0	0	1	1	0	1	3	0	0	1	0	0	0	7
(1)	.00	.00	.00	.00	.00	.00	2.86	2.86	.00	2.86	8.57	.00	.00	2.86	.00	.00	.00	20.00
(2)	.00	.00	.00	.00	.00	.00	.02	.02	.00	.02	.07	.00	.00	.02	.00	.00	.00	.16
4-7	0	0	0	0	1	0	1	1	3	5	9	0	1	0	0	0	0	21
(1)	.00	.00	.00	.00	2.86	.00	2.86	2.86	8.57	14.29	25.71	.00	2.86	.00	.00	.00	.00	60.00
(2)	.00	.00	.00	.00	.02	.00	.02	.02	.07	.11	.20	.00	.02	.00	.00	.00	.00	.47
8-12	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	17.14	.00	.00	.00	.00	.00	.00	17.14
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.13	.00	.00	.00	.00	.00	.00	.13
13-18	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	2.86	.00	.00	.00	.00	.00	.00	2.86
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.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	0	0	0	0	1	0	2	2	3	6	19	0	1	1	0	0	0	35
(1)	.00	.00	.00	.00	2.86	.00	5.71	5.71	8.57	17.14	54.29	.00	2.86	2.86	.00	.00	.00	100.00
(2)	.00	.00	.00	.00	.02	.00	.04	.04	.07	.13	.43	.00	.02	.02	.00	.00	.00	.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 .50 MPH)

Table 2.7-74— SSES 33' (10m) 2001-2006 December JFD

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = .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	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	5.88	5.88	2.94	.00	.00	.00	.00	.00	.00	14.71
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.04	.04	.02	.00	.00	.00	.00	.00	.00	.11
4-7	0	0	1	0	0	0	0	0	0	8	5	3	0	0	0	0	0	17
(1)	.00	.00	2.94	.00	.00	.00	.00	.00	.00	23.53	14.71	8.82	.00	.00	.00	.00	.00	50.00
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.18	.11	.07	.00	.00	.00	.00	.00	.38
8-12	0	0	0	0	0	0	0	0	0	2	8	0	0	0	0	1	0	11
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.88	23.53	.00	.00	.00	.00	2.94	.00	32.35
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.18	.00	.00	.00	.00	.02	.00	.25
13-18	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	2.94	.00	.00	.00	.00	.00	2.94
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.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	0	0	1	0	0	0	0	0	2	12	14	4	0	0	0	1	0	34
(1)	.00	.00	2.94	.00	.00	.00	.00	.00	5.88	35.29	41.18	11.76	.00	.00	.00	2.94	.00	100.00
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.04	.27	.31	.09	.00	.00	.00	.02	.00	.76

(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 .50 MPH)

Table 2.7-74— SSES 33' (10m) 2001-2006 December JFD

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 2.04

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	0	0	0	1	2	0	2	2	1	1	1	0	0	0	0	0	10
(1)	.00	.00	.00	.00	1.10	2.20	.00	2.20	2.20	1.10	1.10	1.10	.00	.00	.00	.00	.00	10.99
(2)	.00	.00	.00	.00	.02	.04	.00	.04	.04	.02	.02	.02	.00	.00	.00	.00	.00	.22
4-7	1	2	5	0	0	0	0	2	4	7	10	3	0	1	0	0	0	35
(1)	1.10	2.20	5.49	.00	.00	.00	.00	2.20	4.40	7.69	10.99	3.30	.00	1.10	.00	.00	.00	38.46
(2)	.02	.04	.11	.00	.00	.00	.00	.04	.09	.16	.22	.07	.00	.02	.00	.00	.00	.78
8-12	3	0	1	0	0	0	1	0	2	2	17	7	0	0	0	5	0	38
(1)	3.30	.00	1.10	.00	.00	.00	1.10	.00	2.20	2.20	18.68	7.69	.00	.00	.00	5.49	.00	41.76
(2)	.07	.00	.02	.00	.00	.00	.02	.00	.04	.04	.38	.16	.00	.00	.00	.11	.00	.85
13-18	0	0	0	0	0	0	0	0	0	0	3	5	0	0	0	0	0	8
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.30	5.49	.00	.00	.00	.00	.00	8.79
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.11	.00	.00	.00	.00	.00	.18
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	6	0	1	2	1	4	8	10	31	16	0	1	0	5	0	91
(1)	4.40	2.20	6.59	.00	1.10	2.20	1.10	4.40	8.79	10.99	34.07	17.58	.00	1.10	.00	5.49	.00	100.00
(2)	.09	.04	.13	.00	.02	.04	.02	.09	.18	.22	.69	.36	.00	.02	.00	.11	.00	2.04

(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 .50 MPH)

Table 2.7-74— SSES 33' (10m) 2001-2006 December JFD

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 45.99

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	10	24	20	30	39	42	42	32	34	29	14	12	10	4	6	5	0	353
(1)	.49	1.17	.97	1.46	1.90	2.05	2.05	1.56	1.66	1.41	.68	.58	.49	.19	.29	.24	.00	17.19
(2)	.22	.54	.45	.67	.87	.94	.94	.72	.76	.65	.31	.27	.22	.09	.13	.11	.00	7.91
4-7	63	53	49	21	11	13	37	27	56	99	115	49	48	20	33	49	0	743
(1)	3.07	2.58	2.39	1.02	.54	.63	1.80	1.32	2.73	4.82	5.60	2.39	2.34	.97	1.61	2.39	.00	36.19
(2)	1.41	1.19	1.10	.47	.25	.29	.83	.60	1.25	2.22	2.58	1.10	1.08	.45	.74	1.10	.00	16.64
8-12	36	12	5	4	1	1	3	0	7	17	187	129	72	60	123	135	0	792
(1)	1.75	.58	.24	.19	.05	.05	.15	.00	.34	.83	9.11	6.28	3.51	2.92	5.99	6.58	.00	38.58
(2)	.81	.27	.11	.09	.02	.02	.07	.00	.16	.38	4.19	2.89	1.61	1.34	2.76	3.02	.00	17.74
13-18	1	0	0	0	0	0	0	0	2	0	21	57	19	9	26	21	0	156
(1)	.05	.00	.00	.00	.00	.00	.00	.00	.10	.00	1.02	2.78	.93	.44	1.27	1.02	.00	7.60
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.04	.00	.47	1.28	.43	.20	.58	.47	.00	3.49
19-24	0	0	0	0	0	0	0	0	2	0	0	7	0	0	0	0	0	9
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.10	.00	.00	.34	.00	.00	.00	.00	.00	.44
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.04	.00	.00	.16	.00	.00	.00	.00	.00	.20
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	110	89	74	55	51	56	82	59	101	145	337	254	149	93	188	210	0	2053
(1)	5.36	4.34	3.60	2.68	2.48	2.73	3.99	2.87	4.92	7.06	16.42	12.37	7.26	4.53	9.16	10.23	.00	100.00
(2)	2.46	1.99	1.66	1.23	1.14	1.25	1.84	1.32	2.26	3.25	7.55	5.69	3.34	2.08	4.21	4.70	.00	45.99

(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 .50 MPH)

Table 2.7-74— SSES 33' (10m) 2001-2006 December JFD

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS E — 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	17	46	86	104	82	68	88	73	77	55	38	9	8	4	1	4	0	760
(1)	1.25	3.37	6.30	7.62	6.01	4.98	6.45	5.35	5.64	4.03	2.78	.66	.59	.29	.07	.29	.00	55.68
(2)	.38	1.03	1.93	2.33	1.84	1.52	1.97	1.64	1.72	1.23	.85	.20	.18	.09	.02	.09	.00	17.03
4-7	32	56	26	8	1	3	10	27	47	109	80	28	11	9	13	17	0	477
(1)	2.34	4.10	1.90	.59	.07	.22	.73	1.98	3.44	7.99	5.86	2.05	.81	.66	.95	1.25	.00	34.95
(2)	.72	1.25	.58	.18	.02	.07	.22	.60	1.05	2.44	1.79	.63	.25	.20	.29	.38	.00	10.69
8-12	6	12	3	0	5	6	4	5	3	3	27	10	3	3	10	10	0	110
(1)	.44	.88	.22	.00	.37	.44	.29	.37	.22	.22	1.98	.73	.22	.22	.73	.73	.00	8.06
(2)	.13	.27	.07	.00	.11	.13	.09	.11	.07	.07	.60	.22	.07	.07	.22	.22	.00	2.46
13-18	0	0	0	0	2	1	2	3	2	1	1	3	0	0	0	1	0	16
(1)	.00	.00	.00	.00	.15	.07	.15	.22	.15	.07	.07	.22	.00	.00	.00	.07	.00	1.17
(2)	.00	.00	.00	.00	.04	.02	.04	.07	.04	.02	.02	.07	.00	.00	.00	.02	.00	.36
19-24	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	.07	.00	.00	.00	.00	.00	.07
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
GT 24	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	.07	.00	.00	.00	.00	.00	.07
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
ALL SPEEDS	55	114	115	112	90	78	104	108	129	168	146	52	22	16	24	32	0	1365
(1)	4.03	8.35	8.42	8.21	6.59	5.71	7.62	7.91	9.45	12.31	10.70	3.81	1.61	1.17	1.76	2.34	.00	100.00
(2)	1.23	2.55	2.58	2.51	2.02	1.75	2.33	2.42	2.89	3.76	3.27	1.16	.49	.36	.54	.72	.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 .50 MPH)

Table 2.7-74— SSES 33' (10m) 2001-2006 December JFD

SSES DECEMBER 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	19	69	158	80	41	22	34	42	14	2	1	1	1	0	3	0	493
(1)	1.15	3.65	13.24	30.33	15.36	7.87	4.22	6.53	8.06	2.69	.38	.19	.19	.19	.00	.58	.00	94.63
(2)	.13	.43	1.55	3.54	1.79	.92	.49	.76	.94	.31	.04	.02	.02	.02	.00	.07	.00	11.04
4-7	1	1	3	1	0	0	0	2	1	10	7	0	0	0	1	1	0	28
(1)	.19	.19	.58	.19	.00	.00	.00	.38	.19	1.92	1.34	.00	.00	.00	.19	.19	.00	5.37
(2)	.02	.02	.07	.02	.00	.00	.00	.04	.02	.22	.16	.00	.00	.00	.02	.02	.00	.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	7	20	72	159	80	41	22	36	43	24	9	1	1	1	1	4	0	521
(1)	1.34	3.84	13.82	30.52	15.36	7.87	4.22	6.91	8.25	4.61	1.73	.19	.19	.19	.19	.77	.00	100.00
(2)	.16	.45	1.61	3.56	1.79	.92	.49	.81	.96	.54	.20	.02	.02	.02	.02	.09	.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 .50 MPH)

Table 2.7-74— SSES 33' (10m) 2001-2006 December JFD

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA — STABILITY CLASS G — CLASS FREQUENCY (PERCENT) = 8.18

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	1	7	64	182	51	18	10	15	8	2	2	0	0	0	0	0	0	360
(1)	.27	1.92	17.53	49.86	13.97	4.93	2.74	4.11	2.19	.55	.55	.00	.00	.00	.00	.00	.00	98.63
(2)	.02	.16	1.43	4.08	1.14	.40	.22	.34	.18	.04	.04	.00	.00	.00	.00	.00	.00	8.06
4-7	0	0	1	2	0	1	1	0	0	0	0	0	0	0	0	0	0	5
(1)	.00	.00	.27	.55	.00	.27	.27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.37
(2)	.00	.00	.02	.04	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11
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	7	65	184	51	19	11	15	8	2	2	0	0	0	0	0	0	365
(1)	.27	1.92	17.81	50.41	13.97	5.21	3.01	4.11	2.19	.55	.55	.00	.00	.00	.00	.00	.00	100.00
(2)	.02	.16	1.46	4.12	1.14	.43	.25	.34	.18	.04	.04	.00	.00	.00	.00	.00	.00	8.18

(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 .50 MPH)

Table 2.7-74— SSES 33' (10m) 2001-2006 December JFD

SSES 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	34	96	239	474	253	171	163	157	165	104	61	23	19	10	7	12	0	1988
(1)	.76	2.15	5.35	10.62	5.67	3.83	3.65	3.52	3.70	2.33	1.37	.52	.43	.22	.16	.27	.00	44.53
(2)	.76	2.15	5.35	10.62	5.67	3.83	3.65	3.52	3.70	2.33	1.37	.52	.43	.22	.16	.27	.00	44.53
4-7	97	112	85	32	13	17	49	59	111	238	226	83	60	30	47	67	0	1326
(1)	2.17	2.51	1.90	.72	.29	.38	1.10	1.32	2.49	5.33	5.06	1.86	1.34	.67	1.05	1.50	.00	29.70
(2)	2.17	2.51	1.90	.72	.29	.38	1.10	1.32	2.49	5.33	5.06	1.86	1.34	.67	1.05	1.50	.00	29.70
8-12	45	24	9	4	6	7	8	5	12	24	245	146	75	63	133	151	0	957
(1)	1.01	.54	.20	.09	.13	.16	.18	.11	.27	.54	5.49	3.27	1.68	1.41	2.98	3.38	.00	21.44
(2)	1.01	.54	.20	.09	.13	.16	.18	.11	.27	.54	5.49	3.27	1.68	1.41	2.98	3.38	.00	21.44
13-18	1	0	0	0	2	1	2	3	4	1	26	66	19	9	26	22	0	182
(1)	.02	.00	.00	.00	.04	.02	.04	.07	.09	.02	.58	1.48	.43	.20	.58	.49	.00	4.08
(2)	.02	.00	.00	.00	.04	.02	.04	.07	.09	.02	.58	1.48	.43	.20	.58	.49	.00	4.08
19-24	0	0	0	0	0	0	0	0	2	0	0	8	0	0	0	0	0	10
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.04	.00	.00	.18	.00	.00	.00	.00	.00	.22
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.04	.00	.00	.18	.00	.00	.00	.00	.00	.22
GT 24	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	.02	.00	.00	.00	.00	.00	.02
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
ALL SPEEDS	177	232	333	510	274	196	222	224	294	367	558	327	173	112	213	252	0	4464
(1)	3.97	5.20	7.46	11.42	6.14	4.39	4.97	5.02	6.59	8.22	12.50	7.33	3.88	2.51	4.77	5.65	.00	100.00
(2)	3.97	5.20	7.46	11.42	6.14	4.39	4.97	5.02	6.59	8.22	12.50	7.33	3.88	2.51	4.77	5.65	.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 .50 MPH)

Table 2.7-75— SSES 197' (60m) 2001-2006 Annual JFD

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 5.24

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	7	30	34	22	23	17	6	26	29	23	5	1	1	2	0	0	227
(1)	.04	.26	1.13	1.28	.83	.87	.64	.23	.98	1.09	.87	.19	.04	.04	.08	.00	.00	8.56
(2)	.00	.01	.06	.07	.04	.05	.03	.01	.05	.06	.05	.01	.00	.00	.00	.00	.00	.45
4-7	19	54	89	38	22	26	41	41	53	136	194	52	5	2	8	6	0	786
(1)	.72	2.04	3.36	1.43	.83	.98	1.55	1.55	2.00	5.13	7.32	1.96	.19	.08	.30	.23	.00	29.64
(2)	.04	.11	.18	.08	.04	.05	.08	.08	.10	.27	.38	.10	.01	.00	.02	.01	.00	1.55
8-12	64	89	39	15	2	3	41	37	54	119	382	163	34	19	11	17	0	1089
(1)	2.41	3.36	1.47	.57	.08	.11	1.55	1.40	2.04	4.49	14.40	6.15	1.28	.72	.41	.64	.00	41.06
(2)	.13	.18	.08	.03	.00	.01	.08	.07	.11	.24	.75	.32	.07	.04	.02	.03	.00	2.15
13-18	17	33	7	2	0	5	10	9	38	56	160	151	17	2	6	7	0	520
(1)	.64	1.24	.26	.08	.00	.19	.38	.34	1.43	2.11	6.03	5.69	.64	.08	.23	.26	.00	19.61
(2)	.03	.07	.01	.00	.00	.01	.02	.02	.08	.11	.32	.30	.03	.00	.01	.01	.00	1.03
19-24	2	0	0	0	0	0	1	1	2	8	5	9	0	0	0	0	0	28
(1)	.08	.00	.00	.00	.00	.00	.04	.04	.08	.30	.19	.34	.00	.00	.00	.00	.00	1.06
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.02	.00	.00	.00	.00	.00	.06
GT 24	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.04	.00	.00	.00	.00	.00	.08
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	103	183	165	89	46	57	110	94	173	348	765	381	57	24	27	30	0	2652
(1)	3.88	6.90	6.22	3.36	1.73	2.15	4.15	3.54	6.52	13.12	28.85	14.37	2.15	.90	1.02	1.13	.00	100.00
(2)	.20	.36	.33	.18	.09	.11	.22	.19	.34	.69	1.51	.75	.11	.05	.05	.06	.00	5.24

(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 .50 MPH)

Table 2.7-75— SSES 197' (60m) 2001-2006 Annual JFD

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 3.06

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	16	16	13	14	8	5	10	16	4	2	0	0	1	1	0	117
(1)	.19	.52	1.03	1.03	.84	.90	.52	.32	.65	1.03	.26	.13	.00	.00	.06	.06	.00	7.56
(2)	.01	.02	.03	.03	.03	.03	.02	.01	.02	.03	.01	.00	.00	.00	.00	.00	.00	.23
4-7	17	42	52	20	6	13	12	14	12	50	91	17	6	4	8	7	0	371
(1)	1.10	2.71	3.36	1.29	.39	.84	.78	.90	.78	3.23	5.88	1.10	.39	.26	.52	.45	.00	23.97
(2)	.03	.08	.10	.04	.01	.03	.02	.03	.02	.10	.18	.03	.01	.01	.02	.01	.00	.73
8-12	43	70	34	5	10	3	20	14	23	38	203	98	39	26	20	31	0	677
(1)	2.78	4.52	2.20	.32	.65	.19	1.29	.90	1.49	2.45	13.11	6.33	2.52	1.68	1.29	2.00	.00	43.73
(2)	.08	.14	.07	.01	.02	.01	.04	.03	.05	.08	.40	.19	.08	.05	.04	.06	.00	1.34
13-18	21	21	4	1	3	2	5	6	10	21	85	122	19	2	9	15	0	346
(1)	1.36	1.36	.26	.06	.19	.13	.32	.39	.65	1.36	5.49	7.88	1.23	.13	.58	.97	.00	22.35
(2)	.04	.04	.01	.00	.01	.00	.01	.01	.02	.04	.17	.24	.04	.00	.02	.03	.00	.68
19-24	1	0	0	0	0	0	0	0	1	6	4	15	1	0	3	1	0	32
(1)	.06	.00	.00	.00	.00	.00	.00	.00	.06	.39	.26	.97	.06	.00	.19	.06	.00	2.07
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.03	.00	.00	.01	.00	.00	.06
GT 24	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.32	.00	.00	.00	.00	.00	.00	.32
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.01
ALL SPEEDS	85	141	106	42	32	32	45	39	56	131	392	254	65	32	41	55	0	1548
(1)	5.49	9.11	6.85	2.71	2.07	2.07	2.91	2.52	3.62	8.46	25.32	16.41	4.20	2.07	2.65	3.55	.00	100.00
(2)	.17	.28	.21	.08	.06	.06	.09	.08	.11	.26	.77	.50	.13	.06	.08	.11	.00	3.06

(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 .50 MPH)

Table 2.7-75— SSES 197' (60m) 2001-2006 Annual JFD

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 4.26

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	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	15	17	27	26	10	9	11	23	26	11	1	3	2	0	2	0	189
(1)	.28	.70	.79	1.25	1.21	.46	.42	.51	1.07	1.21	.51	.05	.14	.09	.00	.09	.00	8.77
(2)	.01	.03	.03	.05	.05	.02	.02	.02	.05	.05	.02	.00	.01	.00	.00	.00	.00	.37
4-7	29	68	62	33	13	12	18	13	30	73	122	42	7	7	7	11	0	547
(1)	1.35	3.15	2.88	1.53	.60	.56	.83	.60	1.39	3.39	5.66	1.95	.32	.32	.32	.51	.00	25.37
(2)	.06	.13	.12	.07	.03	.02	.04	.03	.06	.14	.24	.08	.01	.01	.01	.02	.00	1.08
8-12	84	86	22	8	6	9	24	15	33	50	210	154	49	31	39	54	0	874
(1)	3.90	3.99	1.02	.37	.28	.42	1.11	.70	1.53	2.32	9.74	7.14	2.27	1.44	1.81	2.50	.00	40.54
(2)	.17	.17	.04	.02	.01	.02	.05	.03	.07	.10	.41	.30	.10	.06	.08	.11	.00	1.73
13-18	28	23	4	1	0	3	4	7	22	33	75	173	42	13	25	26	0	479
(1)	1.30	1.07	.19	.05	.00	.14	.19	.32	1.02	1.53	3.48	8.02	1.95	.60	1.16	1.21	.00	22.22
(2)	.06	.05	.01	.00	.00	.01	.01	.01	.04	.07	.15	.34	.08	.03	.05	.05	.00	.95
19-24	0	1	0	0	0	0	2	0	0	4	5	40	6	0	0	3	0	61
(1)	.00	.05	.00	.00	.00	.00	.09	.00	.00	.19	.23	1.86	.28	.00	.00	.14	.00	2.83
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.08	.01	.00	.00	.01	.00	.12
GT 24	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.28	.00	.00	.00	.00	.00	.28
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.01
ALL SPEEDS	147	193	105	69	45	34	57	46	108	186	423	416	107	53	71	96	0	2156
(1)	6.82	8.95	4.87	3.20	2.09	1.58	2.64	2.13	5.01	8.63	19.62	19.29	4.96	2.46	3.29	4.45	.00	100.00
(2)	.29	.38	.21	.14	.09	.07	.11	.09	.21	.37	.84	.82	.21	.10	.14	.19	.00	4.26

(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 .50 MPH)

Table 2.7-75— SSES 197' (60m) 2001-2006 Annual JFD

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 39.44

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	1	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.01	.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
C-3	79	250	348	247	172	155	171	181	218	218	201	67	24	18	19	39	0	2407
(1)	.40	1.25	1.74	1.24	.86	.78	.86	.91	1.09	1.09	1.01	.34	.12	.09	.10	.20	.00	12.05
(2)	.16	.49	.69	.49	.34	.31	.34	.36	.43	.43	.40	.13	.05	.04	.04	.08	.00	4.75
4-7	342	575	475	245	219	186	271	231	214	440	789	392	182	165	160	175	0	5061
(1)	1.71	2.88	2.38	1.23	1.10	.93	1.36	1.16	1.07	2.20	3.95	1.96	.91	.83	.80	.88	.00	25.34
(2)	.68	1.14	.94	.48	.43	.37	.54	.46	.42	.87	1.56	.77	.36	.33	.32	.35	.00	10.00
8-12	696	766	464	113	107	174	253	272	282	326	751	847	549	477	781	784	0	7642
(1)	3.49	3.84	2.32	.57	.54	.87	1.27	1.36	1.41	1.63	3.76	4.24	2.75	2.39	3.91	3.93	.00	38.27
(2)	1.37	1.51	.92	.22	.21	.34	.50	.54	.56	.64	1.48	1.67	1.08	.94	1.54	1.55	.00	15.09
13-18	147	200	74	16	23	46	68	74	106	175	324	1120	492	350	475	382	0	4072
(1)	.74	1.00	.37	.08	.12	.23	.34	.37	.53	.88	1.62	5.61	2.46	1.75	2.38	1.91	.00	20.39
(2)	.29	.40	.15	.03	.05	.09	.13	.15	.21	.35	.64	2.21	.97	.69	.94	.75	.00	8.04
19-24	4	9	4	2	4	7	11	15	20	33	30	310	132	51	23	22	0	677
(1)	.02	.05	.02	.01	.02	.04	.06	.08	.10	.17	.15	1.55	.66	.26	.12	.11	.00	3.39
(2)	.01	.02	.01	.00	.01	.01	.02	.03	.04	.07	.06	.61	.26	.10	.05	.04	.00	1.34
GT 24	0	0	0	2	0	2	2	4	5	4	2	61	28	0	1	0	0	111
(1)	.00	.00	.00	.01	.00	.01	.01	.02	.03	.02	.01	.31	.14	.00	.01	.00	.00	.56
(2)	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.12	.06	.00	.00	.00	.00	.22
ALL SPEEDS	1268	1800	1365	625	526	570	776	777	845	1196	2097	2797	1407	1061	1459	1402	0	19971
(1)	6.35	9.01	6.83	3.13	2.63	2.85	3.89	3.89	4.23	5.99	10.50	14.01	7.05	5.31	7.31	7.02	.00	100.00
(2)	2.50	3.56	2.70	1.23	1.04	1.13	1.53	1.53	1.67	2.36	4.14	5.52	2.78	2.10	2.88	2.77	.00	39.44

(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 .50 MPH)

Table 2.7-75— SSES 197' (60m) 2001-2006 Annual JFD

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 28.82

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	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.01	.01	.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
C-3	179	524	716	360	311	261	303	319	321	289	234	95	49	16	22	60	0	4059
(1)	1.23	3.59	4.91	2.47	2.13	1.79	2.08	2.19	2.20	1.98	1.60	.65	.34	.11	.15	.41	.00	27.81
(2)	.35	1.03	1.41	.71	.61	.52	.60	.63	.63	.57	.46	.19	.10	.03	.04	.12	.00	8.02
4-7	502	1188	605	261	187	147	185	258	326	457	653	337	153	109	89	99	0	5556
(1)	3.44	8.14	4.15	1.79	1.28	1.01	1.27	1.77	2.23	3.13	4.47	2.31	1.05	.75	.61	.68	.00	38.07
(2)	.99	2.35	1.19	.52	.37	.29	.37	.51	.64	.90	1.29	.67	.30	.22	.18	.20	.00	10.97
8-12	188	410	324	70	56	65	96	152	233	518	586	608	101	58	175	146	0	3786
(1)	1.29	2.81	2.22	.48	.38	.45	.66	1.04	1.60	3.55	4.02	4.17	.69	.40	1.20	1.00	.00	25.94
(2)	.37	.81	.64	.14	.11	.13	.19	.30	.46	1.02	1.16	1.20	.20	.11	.35	.29	.00	7.48
13-18	14	100	53	6	15	22	26	37	87	156	104	321	27	7	27	14	0	1016
(1)	.10	.69	.36	.04	.10	.15	.18	.25	.60	1.07	.71	2.20	.19	.05	.19	.10	.00	6.96
(2)	.03	.20	.10	.01	.03	.04	.05	.07	.17	.31	.21	.63	.05	.01	.05	.03	.00	2.01
19-24	0	2	11	3	1	8	11	16	32	27	9	18	3	0	0	0	0	141
(1)	.00	.01	.08	.02	.01	.05	.08	.11	.22	.19	.06	.12	.02	.00	.00	.00	.00	.97
(2)	.00	.00	.02	.01	.00	.02	.02	.03	.06	.05	.02	.04	.01	.00	.00	.00	.00	.28
GT 24	0	4	0	2	1	2	4	4	8	5	1	2	1	0	0	0	0	34
(1)	.00	.03	.00	.01	.01	.01	.03	.03	.05	.03	.01	.01	.01	.00	.00	.00	.00	.23
(2)	.00	.01	.00	.00	.00	.00	.01	.01	.02	.01	.00	.00	.00	.00	.00	.00	.00	.07
ALL SPEEDS	883	2228	1710	703	571	505	625	786	1007	1452	1587	1381	334	190	313	319	0	14594
(1)	6.05	15.27	11.72	4.82	3.91	3.46	4.28	5.39	6.90	9.95	10.87	9.46	2.29	1.30	2.14	2.19	.00	100.00
(2)	1.74	4.40	3.38	1.39	1.13	1.00	1.23	1.55	1.99	2.87	3.13	2.73	.66	.38	.62	.63	.00	28.82

(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 .50 MPH)

Table 2.7-75— SSES 197' (60m) 2001-2006 Annual JFD

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 11.74

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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.02	.00	.00	.00	.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	.00
C-3	110	515	582	271	219	180	179	125	145	82	49	19	16	9	13	16	0	2530
(1)	1.85	8.67	9.79	4.56	3.69	3.03	3.01	2.10	2.44	1.38	.82	.32	.27	.15	.22	.27	.00	42.58
(2)	.22	1.02	1.15	.54	.43	.36	.35	.25	.29	.16	.10	.04	.03	.02	.03	.03	.00	5.00
4-7	374	1314	307	46	48	27	28	43	113	205	226	48	20	19	28	21	0	2867
(1)	6.29	22.11	5.17	.77	.81	.45	.47	.72	1.90	3.45	3.80	.81	.34	.32	.47	.35	.00	48.25
(2)	.74	2.60	.61	.09	.09	.05	.06	.08	.22	.40	.45	.09	.04	.04	.06	.04	.00	5.66
8-12	28	40	19	0	1	2	4	7	26	61	111	191	2	1	8	6	0	507
(1)	.47	.67	.32	.00	.02	.03	.07	.12	.44	1.03	1.87	3.21	.03	.02	.13	.10	.00	8.53
(2)	.06	.08	.04	.00	.00	.00	.01	.01	.05	.12	.22	.38	.00	.00	.02	.01	.00	1.00
13-18	1	0	0	0	1	0	0	1	1	1	5	25	0	0	1	0	0	36
(1)	.02	.00	.00	.00	.02	.00	.00	.02	.02	.02	.08	.42	.00	.00	.02	.00	.00	.61
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.05	.00	.00	.00	.00	.00	.07
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	.02	.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	.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	513	1869	909	317	269	209	211	176	285	350	391	283	38	29	50	43	0	5942
(1)	8.63	31.45	15.30	5.33	4.53	3.52	3.55	2.96	4.80	5.89	6.58	4.76	.64	.49	.84	.72	.00	100.00
(2)	1.01	3.69	1.80	.63	.53	.41	.42	.35	.56	.69	.77	.56	.08	.06	.10	.08	.00	11.74

(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 .50 MPH)

Table 2.7-75— SSES 197' (60m) 2001-2006 Annual JFD

SSES JAN01-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 7.44

	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	63	304	407	216	152	127	99	87	81	47	21	6	4	6	4	7	0	1631
(1)	1.67	8.07	10.80	5.73	4.03	3.37	2.63	2.31	2.15	1.25	.56	.16	.11	.16	.11	.19	.00	43.29
(2)	.12	.60	.80	.43	.30	.25	.20	.17	.16	.09	.04	.01	.01	.01	.01	.01	.00	3.22
4-7	328	825	281	53	18	19	23	28	92	126	116	25	4	3	18	12	0	1971
(1)	8.70	21.89	7.46	1.41	.48	.50	.61	.74	2.44	3.34	3.08	.66	.11	.08	.48	.32	.00	52.31
(2)	.65	1.63	.55	.10	.04	.04	.05	.06	.18	.25	.23	.05	.01	.01	.04	.02	.00	3.89
8-12	10	13	4	0	1	2	1	2	7	37	32	41	0	1	5	0	0	156
(1)	.27	.35	.11	.00	.03	.05	.03	.05	.19	.98	.85	1.09	.00	.03	.13	.00	.00	4.14
(2)	.02	.03	.01	.00	.00	.00	.00	.00	.01	.07	.06	.08	.00	.00	.01	.00	.00	.31
13-18	0	0	0	0	0	0	0	0	0	2	1	7	0	0	0	0	0	10
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.03	.19	.00	.00	.00	.00	.00	.27
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.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	401	1142	692	269	171	148	123	117	180	212	170	79	8	10	27	19	0	3768
(1)	10.64	30.31	18.37	7.14	4.54	3.93	3.26	3.11	4.78	5.63	4.51	2.10	.21	.27	.72	.50	.00	100.00
(2)	.79	2.26	1.37	.53	.34	.29	.24	.23	.36	.42	.34	.16	.02	.02	.05	.04	.00	7.44

(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 .50 MPH)

Table 2.7-75— SSES 197' (60m) 2001-2006 Annual JFD

SSES JAN01-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 MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	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	.01
C-3	441	1623	2116	1171	915	770	786	734	824	707	543	195	97	52	61	125	0	11160
(1)	.87	3.21	4.18	2.31	1.81	1.52	1.55	1.45	1.63	1.40	1.07	.39	.19	.10	.12	.25	.00	22.04
(2)	.87	3.21	4.18	2.31	1.81	1.52	1.55	1.45	1.63	1.40	1.07	.39	.19	.10	.12	.25	.00	22.04
4-7	1611	4066	1871	696	513	430	578	628	840	1487	2191	913	377	309	318	331	0	17159
(1)	3.18	8.03	3.70	1.37	1.01	.85	1.14	1.24	1.66	2.94	4.33	1.80	.74	.61	.63	.65	.00	33.89
(2)	3.18	8.03	3.70	1.37	1.01	.85	1.14	1.24	1.66	2.94	4.33	1.80	.74	.61	.63	.65	.00	33.89
8-12	1113	1474	906	211	183	258	439	499	658	1149	2275	2102	774	613	1039	1038	0	14731
(1)	2.20	2.91	1.79	.42	.36	.51	.87	.99	1.30	2.27	4.49	4.15	1.53	1.21	2.05	2.05	.00	29.09
(2)	2.20	2.91	1.79	.42	.36	.51	.87	.99	1.30	2.27	4.49	4.15	1.53	1.21	2.05	2.05	.00	29.09
13-18	228	377	142	26	42	78	113	134	264	444	754	1919	597	374	543	444	0	6479
(1)	.45	.74	.28	.05	.08	.15	.22	.26	.52	.88	1.49	3.79	1.18	.74	1.07	.88	.00	12.80
(2)	.45	.74	.28	.05	.08	.15	.22	.26	.52	.88	1.49	3.79	1.18	.74	1.07	.88	.00	12.80
19-24	7	12	15	5	5	15	25	32	55	79	53	392	142	51	26	26	0	940
(1)	.01	.02	.03	.01	.01	.03	.05	.06	.11	.16	.10	.77	.28	.10	.05	.05	.00	1.86
(2)	.01	.02	.03	.01	.01	.03	.05	.06	.11	.16	.10	.77	.28	.10	.05	.05	.00	1.86
GT 24	0	4	0	4	1	4	6	8	13	9	9	70	29	0	1	0	0	158
(1)	.00	.01	.00	.01	.00	.01	.01	.02	.03	.02	.02	.14	.06	.00	.00	.00	.00	.31
(2)	.00	.01	.00	.01	.00	.01	.01	.02	.03	.02	.02	.14	.06	.00	.00	.00	.00	.31
ALL SPEEDS	3400	7556	5052	2114	1660	1555	1947	2035	2654	3875	5825	5591	2016	1399	1988	1964	0	50631
(1)	6.72	14.92	9.98	4.18	3.28	3.07	3.85	4.02	5.24	7.65	11.50	11.04	3.98	2.76	3.93	3.88	.00	100.00
(2)	6.72	14.92	9.98	4.18	3.28	3.07	3.85	4.02	5.24	7.65	11.50	11.04	3.98	2.76	3.93	3.88	.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 .50 MPH)

Table 2.7-76— SSES 197' (60m) 2001-2006 Winter JFD

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 2.08

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	0	0	1	2	1	1	1	1	2	1	1	2	0	0	0	0	0	13
(1)	.00	.00	.37	.74	.37	.37	.37	.37	.74	.37	.37	.74	.00	.00	.00	.00	.00	4.81
(2)	.00	.00	.01	.02	.01	.01	.01	.01	.02	.01	.01	.02	.00	.00	.00	.00	.00	.10
4-7	0	1	7	1	1	2	2	2	6	34	28	2	2	0	0	0	0	88
(1)	.00	.37	2.59	.37	.37	.74	.74	.74	2.22	12.59	10.37	.74	.74	.00	.00	.00	.00	32.59
(2)	.00	.01	.05	.01	.01	.02	.02	.02	.05	.26	.22	.02	.02	.00	.00	.00	.00	.68
8-12	0	1	3	0	0	0	3	4	1	9	50	13	2	0	0	0	0	86
(1)	.00	.37	1.11	.00	.00	.00	1.11	1.48	.37	3.33	18.52	4.81	.74	.00	.00	.00	.00	31.85
(2)	.00	.01	.02	.00	.00	.00	.02	.03	.01	.07	.39	.10	.02	.00	.00	.00	.00	.66
13-18	0	2	0	0	0	0	0	0	3	4	30	31	5	1	0	0	0	76
(1)	.00	.74	.00	.00	.00	.00	.00	.00	1.11	1.48	11.11	11.48	1.85	.37	.00	.00	.00	28.15
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.02	.03	.23	.24	.04	.01	.00	.00	.00	.59
19-24	0	0	0	0	0	0	0	0	0	1	0	6	0	0	0	0	0	7
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.37	.00	2.22	.00	.00	.00	.00	.00	2.59
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.05	.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	0	4	11	3	2	3	6	7	12	49	109	54	9	1	0	0	0	270
(1)	.00	1.48	4.07	1.11	.74	1.11	2.22	2.59	4.44	18.15	40.37	20.00	3.33	.37	.00	.00	.00	100.00
(2)	.00	.03	.08	.02	.02	.02	.05	.05	.09	.38	.84	.42	.07	.01	.00	.00	.00	2.08

(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 .50 MPH)

Table 2.7-76— SSES 197' (60m) 2001-2006 Winter JFD

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 1.82

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	0	1	1	2	1	1	1	2	2	1	0	0	0	0	1	0	13
(1)	.00	.00	.42	.42	.85	.42	.42	.42	.85	.85	.42	.00	.00	.00	.00	.42	.00	5.51
(2)	.00	.00	.01	.01	.02	.01	.01	.01	.02	.02	.01	.00	.00	.00	.00	.01	.00	.10
4-7	0	2	7	0	1	1	2	2	1	9	20	4	0	1	1	1	0	52
(1)	.00	.85	2.97	.00	.42	.42	.85	.85	.42	3.81	8.47	1.69	.00	.42	.42	.42	.00	22.03
(2)	.00	.02	.05	.00	.01	.01	.02	.02	.01	.07	.15	.03	.00	.01	.01	.01	.00	.40
8-12	7	9	9	0	1	0	0	0	1	1	32	15	7	0	3	0	0	85
(1)	2.97	3.81	3.81	.00	.42	.00	.00	.00	.42	.42	13.56	6.36	2.97	.00	1.27	.00	.00	36.02
(2)	.05	.07	.07	.00	.01	.00	.00	.00	.01	.01	.25	.12	.05	.00	.02	.00	.00	.65
13-18	0	6	3	0	0	0	0	0	1	6	23	38	3	1	0	0	0	81
(1)	.00	2.54	1.27	.00	.00	.00	.00	.00	.42	2.54	9.75	16.10	1.27	.42	.00	.00	.00	34.32
(2)	.00	.05	.02	.00	.00	.00	.00	.00	.01	.05	.18	.29	.02	.01	.00	.00	.00	.62
19-24	0	0	0	0	0	0	0	0	0	2	0	2	1	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.85	.00	.85	.42	.00	.00	.00	.00	2.12
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02	.01	.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	7	17	20	1	4	2	3	3	5	20	76	59	11	2	4	2	0	236
(1)	2.97	7.20	8.47	.42	1.69	.85	1.27	1.27	2.12	8.47	32.20	25.00	4.66	.85	1.69	.85	.00	100.00
(2)	.05	.13	.15	.01	.03	.02	.02	.02	.04	.15	.59	.45	.08	.02	.03	.02	.00	1.82

(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 .50 MPH)

Table 2.7-76— SSES 197' (60m) 2001-2006 Winter JFD

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 2.85

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	6	1	6	4	3	2	4	6	3	0	1	0	0	0	0	38
(1)	.00	.54	1.62	.27	1.62	1.08	.81	.54	1.08	1.62	.81	.00	.27	.00	.00	.00	.00	10.27
(2)	.00	.02	.05	.01	.05	.03	.02	.02	.03	.05	.02	.00	.01	.00	.00	.00	.00	.29
4-7	1	8	8	7	3	0	3	0	7	11	25	8	1	2	0	2	0	86
(1)	.27	2.16	2.16	1.89	.81	.00	.81	.00	1.89	2.97	6.76	2.16	.27	.54	.00	.54	.00	23.24
(2)	.01	.06	.06	.05	.02	.00	.02	.00	.05	.08	.19	.06	.01	.02	.00	.02	.00	.66
8-12	9	18	1	1	0	0	2	0	4	6	28	23	6	3	3	11	0	115
(1)	2.43	4.86	.27	.27	.00	.00	.54	.00	1.08	1.62	7.57	6.22	1.62	.81	.81	2.97	.00	31.08
(2)	.07	.14	.01	.01	.00	.00	.02	.00	.03	.05	.22	.18	.05	.02	.02	.08	.00	.89
13-18	3	0	4	0	0	0	0	0	1	4	27	54	14	2	3	5	0	117
(1)	.81	.00	1.08	.00	.00	.00	.00	.00	.27	1.08	7.30	14.59	3.78	.54	.81	1.35	.00	31.62
(2)	.02	.00	.03	.00	.00	.00	.00	.00	.01	.03	.21	.42	.11	.02	.02	.04	.00	.90
19-24	0	0	0	0	0	0	0	0	0	2	0	8	3	0	0	0	0	13
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.54	.00	2.16	.81	.00	.00	.00	.00	3.51
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.06	.02	.00	.00	.00	.00	.10
GT 24	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	.27	.00	.00	.00	.00	.00	.27
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.01
ALL SPEEDS	13	28	19	9	9	4	8	2	16	29	83	94	25	7	6	18	0	370
(1)	3.51	7.57	5.14	2.43	2.43	1.08	2.16	.54	4.32	7.84	22.43	25.41	6.76	1.89	1.62	4.86	.00	100.00
(2)	.10	.22	.15	.07	.07	.03	.06	.02	.12	.22	.64	.72	.19	.05	.05	.14	.00	2.85

(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 .50 MPH)

Table 2.7-76— SSES 197' (60m) 2001-2006 Winter JFD

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 47.66

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	46	57	54	29	30	48	53	53	62	56	11	9	4	4	8	0	541
(1)	.27	.74	.92	.87	.47	.48	.78	.86	.86	1.00	.90	.18	.15	.06	.06	.13	.00	8.74
(2)	.13	.35	.44	.42	.22	.23	.37	.41	.41	.48	.43	.08	.07	.03	.03	.06	.00	4.17
4-7	93	114	107	64	44	36	66	49	47	102	202	101	57	50	46	42	0	1220
(1)	1.50	1.84	1.73	1.03	.71	.58	1.07	.79	.76	1.65	3.26	1.63	.92	.81	.74	.68	.00	19.72
(2)	.72	.88	.82	.49	.34	.28	.51	.38	.36	.79	1.56	.78	.44	.39	.35	.32	.00	9.40
8-12	198	158	120	24	19	21	41	55	46	85	192	283	231	161	320	314	0	2268
(1)	3.20	2.55	1.94	.39	.31	.34	.66	.89	.74	1.37	3.10	4.57	3.73	2.60	5.17	5.07	.00	36.65
(2)	1.52	1.22	.92	.18	.15	.16	.32	.42	.35	.65	1.48	2.18	1.78	1.24	2.46	2.42	.00	17.47
13-18	38	40	23	2	4	5	11	11	15	55	134	655	216	158	234	225	0	1826
(1)	.61	.65	.37	.03	.06	.08	.18	.18	.24	.89	2.17	10.59	3.49	2.55	3.78	3.64	.00	29.51
(2)	.29	.31	.18	.02	.03	.04	.08	.08	.12	.42	1.03	5.04	1.66	1.22	1.80	1.73	.00	14.06
19-24	2	0	0	0	0	2	1	0	0	12	11	166	60	13	15	17	0	299
(1)	.03	.00	.00	.00	.00	.03	.02	.00	.00	.19	.18	2.68	.97	.21	.24	.27	.00	4.83
(2)	.02	.00	.00	.00	.00	.02	.01	.00	.00	.09	.08	1.28	.46	.10	.12	.13	.00	2.30
GT 24	0	0	0	0	0	1	1	0	2	1	0	21	8	0	0	0	0	34
(1)	.00	.00	.00	.00	.00	.02	.02	.00	.03	.02	.00	.34	.13	.00	.00	.00	.00	.55
(2)	.00	.00	.00	.00	.00	.01	.01	.00	.02	.01	.00	.16	.06	.00	.00	.00	.00	.26
ALL SPEEDS	348	358	307	144	96	95	168	168	163	317	595	1237	581	386	619	606	0	6188
(1)	5.62	5.79	4.96	2.33	1.55	1.54	2.71	2.71	2.63	5.12	9.62	19.99	9.39	6.24	10.00	9.79	.00	100.00
(2)	2.68	2.76	2.36	1.11	.74	.73	1.29	1.29	1.26	2.44	4.58	9.53	4.47	2.97	4.77	4.67	.00	47.66

(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 .50 MPH)

Table 2.7-76— SSES 197' (60m) 2001-2006 Winter JFD

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 28.55

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	32	76	125	64	53	59	74	95	90	74	63	24	14	3	7	17	0	870
(1)	.86	2.05	3.37	1.73	1.43	1.59	2.00	2.56	2.43	2.00	1.70	.65	.38	.08	.19	.46	.00	23.47
(2)	.25	.59	.96	.49	.41	.45	.57	.73	.69	.57	.49	.18	.11	.02	.05	.13	.00	6.70
4-7	104	164	116	56	39	40	45	49	77	138	201	93	50	38	27	31	0	1268
(1)	2.81	4.42	3.13	1.51	1.05	1.08	1.21	1.32	2.08	3.72	5.42	2.51	1.35	1.03	.73	.84	.00	34.21
(2)	.80	1.26	.89	.43	.30	.31	.35	.38	.59	1.06	1.55	.72	.39	.29	.21	.24	.00	9.77
8-12	61	79	85	16	12	15	13	33	32	117	253	241	31	20	71	46	0	1125
(1)	1.65	2.13	2.29	.43	.32	.40	.35	.89	.86	3.16	6.82	6.50	.84	.54	1.92	1.24	.00	30.35
(2)	.47	.61	.65	.12	.09	.12	.10	.25	.25	.90	1.95	1.86	.24	.15	.55	.35	.00	8.66
13-18	4	28	13	1	4	7	5	7	8	45	44	184	14	1	17	5	0	387
(1)	.11	.76	.35	.03	.11	.19	.13	.19	.22	1.21	1.19	4.96	.38	.03	.46	.13	.00	10.44
(2)	.03	.22	.10	.01	.03	.05	.04	.05	.06	.35	.34	1.42	.11	.01	.13	.04	.00	2.98
19-24	0	1	0	0	1	3	6	5	5	8	4	8	3	0	0	0	0	44
(1)	.00	.03	.00	.00	.03	.08	.16	.13	.13	.22	.11	.22	.08	.00	.00	.00	.00	1.19
(2)	.00	.01	.00	.00	.01	.02	.05	.04	.04	.06	.03	.06	.02	.00	.00	.00	.00	.34
GT 24	0	0	0	0	0	1	1	1	3	4	0	2	1	0	0	0	0	13
(1)	.00	.00	.00	.00	.00	.03	.03	.03	.08	.11	.00	.05	.03	.00	.00	.00	.00	.35
(2)	.00	.00	.00	.00	.00	.01	.01	.01	.02	.03	.00	.02	.01	.00	.00	.00	.00	.10
ALL SPEEDS	201	348	339	137	109	125	144	190	215	386	565	552	113	62	122	99	0	3707
(1)	5.42	9.39	9.14	3.70	2.94	3.37	3.88	5.13	5.80	10.41	15.24	14.89	3.05	1.67	3.29	2.67	.00	100.00
(2)	1.55	2.68	2.61	1.06	.84	.96	1.11	1.46	1.66	2.97	4.35	4.25	.87	.48	.94	.76	.00	28.55

(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 .50 MPH)

Table 2.7-76— SSES 197' (60m) 2001-2006 Winter JFD

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 9.91

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	23	92	112	64	56	39	28	31	32	24	7	4	3	1	4	3	0	523
(1)	1.79	7.15	8.70	4.97	4.35	3.03	2.18	2.41	2.49	1.86	.54	.31	.23	.08	.31	.23	.00	40.64
(2)	.18	.71	.86	.49	.43	.30	.22	.24	.25	.18	.05	.03	.02	.01	.03	.02	.00	4.03
4-7	66	180	68	8	8	5	8	13	48	62	78	11	2	6	8	8	0	579
(1)	5.13	13.99	5.28	.62	.62	.39	.62	1.01	3.73	4.82	6.06	.85	.16	.47	.62	.62	.00	44.99
(2)	.51	1.39	.52	.06	.06	.04	.06	.10	.37	.48	.60	.08	.02	.05	.06	.06	.00	4.46
8-12	1	7	5	0	0	0	2	0	7	17	46	74	0	1	3	3	0	166
(1)	.08	.54	.39	.00	.00	.00	.16	.00	.54	1.32	3.57	5.75	.00	.08	.23	.23	.00	12.90
(2)	.01	.05	.04	.00	.00	.00	.02	.00	.05	.13	.35	.57	.00	.01	.02	.02	.00	1.28
13-18	0	0	0	0	0	0	0	0	1	1	4	12	0	0	0	0	0	18
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.08	.08	.31	.93	.00	.00	.00	.00	.00	1.40
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.03	.09	.00	.00	.00	.00	.00	.14
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	.08	.00	.00	.00	.00	.00	.00	.00	.08
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.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	90	279	185	72	64	44	38	44	88	105	135	101	5	8	15	14	0	1287
(1)	6.99	21.68	14.37	5.59	4.97	3.42	2.95	3.42	6.84	8.16	10.49	7.85	.39	.62	1.17	1.09	.00	100.00
(2)	.69	2.15	1.42	.55	.49	.34	.29	.34	.68	.81	1.04	.78	.04	.06	.12	.11	.00	9.91

(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 .50 MPH)

Table 2.7-76— SSES 197' (60m) 2001-2006 Winter JFD

SSES WINTER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 7.13

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	11	61	86	61	39	39	21	24	18	8	5	1	2	1	1	2	0	380
(1)	1.19	6.59	9.29	6.59	4.21	4.21	2.27	2.59	1.94	.86	.54	.11	.22	.11	.11	.22	.00	41.04
(2)	.08	.47	.66	.47	.30	.30	.16	.18	.14	.06	.04	.01	.02	.01	.01	.02	.00	2.93
4-7	87	154	63	12	8	5	5	11	34	45	34	8	1	0	2	3	0	472
(1)	9.40	16.63	6.80	1.30	.86	.54	.54	1.19	3.67	4.86	3.67	.86	.11	.00	.22	.32	.00	50.97
(2)	.67	1.19	.49	.09	.06	.04	.04	.08	.26	.35	.26	.06	.01	.00	.02	.02	.00	3.64
8-12	0	3	0	0	0	1	0	0	4	17	16	20	0	0	3	0	0	64
(1)	.00	.32	.00	.00	.00	.11	.00	.00	.43	1.84	1.73	2.16	.00	.00	.32	.00	.00	6.91
(2)	.00	.02	.00	.00	.00	.01	.00	.00	.03	.13	.12	.15	.00	.00	.02	.00	.00	.49
13-18	0	0	0	0	0	0	0	0	0	2	1	7	0	0	0	0	0	10
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.22	.11	.76	.00	.00	.00	.00	.00	1.08
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.05	.00	.00	.00	.00	.00	.08
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	98	218	149	73	47	45	26	35	56	72	56	36	3	1	6	5	0	926
(1)	10.58	23.54	16.09	7.88	5.08	4.86	2.81	3.78	6.05	7.78	6.05	3.89	.32	.11	.65	.54	.00	100.00
(2)	.75	1.68	1.15	.56	.36	.35	.20	.27	.43	.55	.43	.28	.02	.01	.05	.04	.00	7.13

(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 .50 MPH)

Table 2.7-76— SSES 197' (60m) 2001-2006 Winter JFD

SSES WINTER 01-06 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	83	277	388	247	186	173	176	207	201	177	136	42	29	9	16	31	0	2378
(1)	.64	2.13	2.99	1.90	1.43	1.33	1.36	1.59	1.55	1.36	1.05	.32	.22	.07	.12	.24	.00	18.31
(2)	.64	2.13	2.99	1.90	1.43	1.33	1.36	1.59	1.55	1.36	1.05	.32	.22	.07	.12	.24	.00	18.31
4-7	351	623	376	148	104	89	131	126	220	401	588	227	113	97	84	87	0	3765
(1)	2.70	4.80	2.90	1.14	.80	.69	1.01	.97	1.69	3.09	4.53	1.75	.87	.75	.65	.67	.00	29.00
(2)	2.70	4.80	2.90	1.14	.80	.69	1.01	.97	1.69	3.09	4.53	1.75	.87	.75	.65	.67	.00	29.00
8-12	276	275	223	41	32	37	61	92	95	252	617	669	277	185	403	374	0	3909
(1)	2.13	2.12	1.72	.32	.25	.28	.47	.71	.73	1.94	4.75	5.15	2.13	1.42	3.10	2.88	.00	30.11
(2)	2.13	2.12	1.72	.32	.25	.28	.47	.71	.73	1.94	4.75	5.15	2.13	1.42	3.10	2.88	.00	30.11
13-18	45	76	43	3	8	12	16	18	29	117	263	981	252	163	254	235	0	2515
(1)	.35	.59	.33	.02	.06	.09	.12	.14	.22	.90	2.03	7.56	1.94	1.26	1.96	1.81	.00	19.37
(2)	.35	.59	.33	.02	.06	.09	.12	.14	.22	.90	2.03	7.56	1.94	1.26	1.96	1.81	.00	19.37
19-24	2	1	0	0	1	5	7	5	5	26	15	190	67	13	15	17	0	369
(1)	.02	.01	.00	.00	.01	.04	.05	.04	.04	.20	.12	1.46	.52	.10	.12	.13	.00	2.84
(2)	.02	.01	.00	.00	.01	.04	.05	.04	.04	.20	.12	1.46	.52	.10	.12	.13	.00	2.84
GT 24	0	0	0	0	0	2	2	1	5	5	0	24	9	0	0	0	0	48
(1)	.00	.00	.00	.00	.00	.02	.02	.01	.04	.04	.00	.18	.07	.00	.00	.00	.00	.37
(2)	.00	.00	.00	.00	.00	.02	.02	.01	.04	.04	.00	.18	.07	.00	.00	.00	.00	.37
ALL SPEEDS	757	1252	1030	439	331	318	393	449	555	978	1619	2133	747	467	772	744	0	12984
(1)	5.83	9.64	7.93	3.38	2.55	2.45	3.03	3.46	4.27	7.53	12.47	16.43	5.75	3.60	5.95	5.73	.00	100.00
(2)	5.83	9.64	7.93	3.38	2.55	2.45	3.03	3.46	4.27	7.53	12.47	16.43	5.75	3.60	5.95	5.73	.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 .50 MPH)

Table 2.7-77— SSES 197' (60m) 2001-2006 Spring JFD

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) = 6.97

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	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	7	1	6	3	1	4	4	7	2	1	0	0	0	0	38
(1)	.00	.00	.22	.78	.11	.67	.33	.11	.44	.44	.78	.22	.11	.00	.00	.00	.00	4.22
(2)	.00	.00	.02	.05	.01	.05	.02	.01	.03	.03	.05	.02	.01	.00	.00	.00	.00	.29
4-7	1	8	21	10	10	12	11	12	22	47	59	24	1	1	3	3	0	245
(1)	.11	.89	2.33	1.11	1.11	1.33	1.22	1.33	2.44	5.22	6.55	2.66	.11	.11	.33	.33	.00	27.19
(2)	.01	.06	.16	.08	.08	.09	.09	.09	.17	.36	.46	.19	.01	.01	.02	.02	.00	1.90
8-12	18	50	17	5	2	3	18	13	20	52	85	47	8	9	4	5	0	356
(1)	2.00	5.55	1.89	.55	.22	.33	2.00	1.44	2.22	5.77	9.43	5.22	.89	1.00	.44	.55	.00	39.51
(2)	.14	.39	.13	.04	.02	.02	.14	.10	.15	.40	.66	.36	.06	.07	.03	.04	.00	2.75
13-18	14	20	3	0	0	2	9	5	19	35	62	58	6	1	4	5	0	243
(1)	1.55	2.22	.33	.00	.00	.22	1.00	.55	2.11	3.88	6.88	6.44	.67	.11	.44	.55	.00	26.97
(2)	.11	.15	.02	.00	.00	.02	.07	.04	.15	.27	.48	.45	.05	.01	.03	.04	.00	1.88
19-24	2	0	0	0	0	0	0	1	2	5	4	3	0	0	0	0	0	17
(1)	.22	.00	.00	.00	.00	.00	.00	.11	.22	.55	.44	.33	.00	.00	.00	.00	.00	1.89
(2)	.02	.00	.00	.00	.00	.00	.00	.01	.02	.04	.03	.02	.00	.00	.00	.00	.00	.13
GT 24	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11	.11	.00	.00	.00	.00	.00	.22
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.02
ALL SPEEDS	35	78	43	22	13	23	41	32	67	143	218	135	16	11	11	13	0	901
(1)	3.88	8.66	4.77	2.44	1.44	2.55	4.55	3.55	7.44	15.87	24.20	14.98	1.78	1.22	1.22	1.44	.00	100.00
(2)	.27	.60	.33	.17	.10	.18	.32	.25	.52	1.11	1.69	1.04	.12	.09	.09	.10	.00	6.97

(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 .50 MPH)

Table 2.7-77— SSES 197' (60m) 2001-2006 Spring JFD

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 3.61

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	0	2	3	0	4	3	2	1	4	5	2	0	0	0	0	0	0	26
(1)	.00	.43	.64	.00	.86	.64	.43	.21	.86	1.07	.43	.00	.00	.00	.00	.00	.00	5.58
(2)	.00	.02	.02	.00	.03	.02	.02	.01	.03	.04	.02	.00	.00	.00	.00	.00	.00	.20
4-7	4	5	14	5	3	6	3	7	3	16	8	4	2	1	2	0	0	83
(1)	.86	1.07	3.00	1.07	.64	1.29	.64	1.50	.64	3.43	1.72	.86	.43	.21	.43	.00	.00	17.81
(2)	.03	.04	.11	.04	.02	.05	.02	.05	.02	.12	.06	.03	.02	.01	.02	.00	.00	.64
8-12	11	22	14	1	8	3	9	7	8	11	37	23	4	13	9	11	0	191
(1)	2.36	4.72	3.00	.21	1.72	.64	1.93	1.50	1.72	2.36	7.94	4.94	.86	2.79	1.93	2.36	.00	40.99
(2)	.09	.17	.11	.01	.06	.02	.07	.05	.06	.09	.29	.18	.03	.10	.07	.09	.00	1.48
13-18	15	9	1	1	3	1	4	2	7	5	27	40	9	1	9	13	0	147
(1)	3.22	1.93	.21	.21	.64	.21	.86	.43	1.50	1.07	5.79	8.58	1.93	.21	1.93	2.79	.00	31.55
(2)	.12	.07	.01	.01	.02	.01	.03	.02	.05	.04	.21	.31	.07	.01	.07	.10	.00	1.14
19-24	1	0	0	0	0	0	0	0	1	0	1	9	0	0	2	0	0	14
(1)	.21	.00	.00	.00	.00	.00	.00	.00	.21	.00	.21	1.93	.00	.00	.43	.00	.00	3.00
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.07	.00	.00	.02	.00	.00	.11
GT 24	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.07	.00	.00	.00	.00	.00	.00	1.07
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.00	.00	.00	.00	.00	.00	.04
ALL SPEEDS	31	38	32	7	18	13	18	17	23	37	80	76	15	15	22	24	0	466
(1)	6.65	8.15	6.87	1.50	3.86	2.79	3.86	3.65	4.94	7.94	17.17	16.31	3.22	3.22	4.72	5.15	.00	100.00
(2)	.24	.29	.25	.05	.14	.10	.14	.13	.18	.29	.62	.59	.12	.12	.17	.19	.00	3.61

(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 .50 MPH)

Table 2.7-77— SSES 197' (60m) 2001-2006 Spring JFD

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 4.87

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	0	5	1	8	4	0	1	2	3	6	1	0	1	0	0	1	0	33
(1)	.00	.79	.16	1.27	.64	.00	.16	.32	.48	.95	.16	.00	.16	.00	.00	.16	.00	5.25
(2)	.00	.04	.01	.06	.03	.00	.01	.02	.02	.05	.01	.00	.01	.00	.00	.01	.00	.26
4-7	9	11	19	7	4	5	6	3	8	22	19	11	3	0	0	1	0	128
(1)	1.43	1.75	3.02	1.11	.64	.79	.95	.48	1.27	3.50	3.02	1.75	.48	.00	.00	.16	.00	20.35
(2)	.07	.09	.15	.05	.03	.04	.05	.02	.06	.17	.15	.09	.02	.00	.00	.01	.00	.99
8-12	27	31	10	5	6	6	14	6	7	13	40	46	17	6	13	11	0	258
(1)	4.29	4.93	1.59	.79	.95	.95	2.23	.95	1.11	2.07	6.36	7.31	2.70	.95	2.07	1.75	.00	41.02
(2)	.21	.24	.08	.04	.05	.05	.11	.05	.05	.10	.31	.36	.13	.05	.10	.09	.00	2.00
13-18	18	10	0	1	0	3	2	3	12	12	17	44	16	8	14	15	0	175
(1)	2.86	1.59	.00	.16	.00	.48	.32	.48	1.91	1.91	2.70	7.00	2.54	1.27	2.23	2.38	.00	27.82
(2)	.14	.08	.00	.01	.00	.02	.02	.02	.09	.09	.13	.34	.12	.06	.11	.12	.00	1.35
19-24	0	1	0	0	0	0	2	0	0	1	5	19	3	0	0	1	0	32
(1)	.00	.16	.00	.00	.00	.00	.32	.00	.00	.16	.79	3.02	.48	.00	.00	.16	.00	5.09
(2)	.00	.01	.00	.00	.00	.00	.02	.00	.00	.01	.04	.15	.02	.00	.00	.01	.00	.25
GT 24	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.48	.00	.00	.00	.00	.00	.48
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
ALL SPEEDS	54	58	30	21	14	14	25	14	30	54	82	123	40	14	27	29	0	629
(1)	8.59	9.22	4.77	3.34	2.23	2.23	3.97	2.23	4.77	8.59	13.04	19.55	6.36	2.23	4.29	4.61	.00	100.00
(2)	.42	.45	.23	.16	.11	.11	.19	.11	.23	.42	.63	.95	.31	.11	.21	.22	.00	4.87

(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 .50 MPH)

Table 2.7-77— SSES 197' (60m) 2001-2006 Spring JFD

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 42.30

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	18	45	60	44	33	33	34	33	28	30	28	12	3	6	5	12	0	424
(1)	.33	.82	1.10	.80	.60	.60	.62	.60	.51	.55	.51	.22	.05	.11	.09	.22	.00	7.76
(2)	.14	.35	.46	.34	.26	.26	.26	.26	.22	.23	.22	.09	.02	.05	.04	.09	.00	3.28
4-7	73	131	156	83	66	66	75	63	60	91	176	109	51	59	61	46	0	1366
(1)	1.34	2.40	2.85	1.52	1.21	1.21	1.37	1.15	1.10	1.66	3.22	1.99	.93	1.08	1.12	.84	.00	24.99
(2)	.56	1.01	1.21	.64	.51	.51	.58	.49	.46	.70	1.36	.84	.39	.46	.47	.36	.00	10.57
8-12	250	241	164	62	53	82	99	90	68	67	158	178	146	166	215	222	0	2261
(1)	4.57	4.41	3.00	1.13	.97	1.50	1.81	1.65	1.24	1.23	2.89	3.26	2.67	3.04	3.93	4.06	.00	41.36
(2)	1.93	1.86	1.27	.48	.41	.63	.77	.70	.53	.52	1.22	1.38	1.13	1.28	1.66	1.72	.00	17.49
13-18	69	105	41	10	15	33	26	30	55	35	65	191	168	127	140	91	0	1201
(1)	1.26	1.92	.75	.18	.27	.60	.48	.55	1.01	.64	1.19	3.49	3.07	2.32	2.56	1.66	.00	21.97
(2)	.53	.81	.32	.08	.12	.26	.20	.23	.43	.27	.50	1.48	1.30	.98	1.08	.70	.00	9.29
19-24	2	9	3	1	4	5	2	4	8	7	12	61	57	15	5	2	0	197
(1)	.04	.16	.05	.02	.07	.09	.04	.07	.15	.13	.22	1.12	1.04	.27	.09	.04	.00	3.60
(2)	.02	.07	.02	.01	.03	.04	.02	.03	.06	.05	.09	.47	.44	.12	.04	.02	.00	1.52
GT 24	0	0	0	0	0	1	0	0	0	1	2	6	8	0	0	0	0	18
(1)	.00	.00	.00	.00	.00	.02	.00	.00	.00	.02	.04	.11	.15	.00	.00	.00	.00	.33
(2)	.00	.00	.00	.00	.00	.01	.00	.00	.00	.01	.02	.05	.06	.00	.00	.00	.00	.14
ALL SPEEDS	412	531	424	200	171	220	236	220	219	231	441	557	433	373	426	373	0	5467
(1)	7.54	9.71	7.76	3.66	3.13	4.02	4.32	4.02	4.01	4.23	8.07	10.19	7.92	6.82	7.79	6.82	.00	100.00
(2)	3.19	4.11	3.28	1.55	1.32	1.70	1.83	1.70	1.69	1.79	3.41	4.31	3.35	2.89	3.30	2.89	.00	42.30

(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 .50 MPH)

Table 2.7-77— SSES 197' (60m) 2001-2006 Spring JFD

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 24.90

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	44	103	139	74	58	37	53	52	56	60	63	29	15	8	9	15	0	815
(1)	1.37	3.20	4.32	2.30	1.80	1.15	1.65	1.62	1.74	1.86	1.96	.90	.47	.25	.28	.47	.00	25.33
(2)	.34	.80	1.08	.57	.45	.29	.41	.40	.43	.46	.49	.22	.12	.06	.07	.12	.00	6.31
4-7	121	199	129	76	46	41	45	68	68	93	125	90	50	34	23	27	0	1235
(1)	3.76	6.18	4.01	2.36	1.43	1.27	1.40	2.11	2.11	2.89	3.88	2.80	1.55	1.06	.71	.84	.00	38.38
(2)	.94	1.54	1.00	.59	.36	.32	.35	.53	.53	.72	.97	.70	.39	.26	.18	.21	.00	9.56
8-12	48	123	102	37	22	21	30	41	53	102	86	118	32	12	34	43	0	904
(1)	1.49	3.82	3.17	1.15	.68	.65	.93	1.27	1.65	3.17	2.67	3.67	.99	.37	1.06	1.34	.00	28.09
(2)	.37	.95	.79	.29	.17	.16	.23	.32	.41	.79	.67	.91	.25	.09	.26	.33	.00	6.99
13-18	8	31	19	1	7	10	5	3	35	42	26	44	6	6	4	2	0	249
(1)	.25	.96	.59	.03	.22	.31	.16	.09	1.09	1.31	.81	1.37	.19	.19	.12	.06	.00	7.74
(2)	.06	.24	.15	.01	.05	.08	.04	.02	.27	.32	.20	.34	.05	.05	.03	.02	.00	1.93
19-24	0	0	0	0	0	0	1	0	2	2	3	3	0	0	0	0	0	11
(1)	.00	.00	.00	.00	.00	.00	.03	.00	.06	.06	.09	.09	.00	.00	.00	.00	.00	.34
(2)	.00	.00	.00	.00	.00	.00	.01	.00	.02	.02	.02	.02	.00	.00	.00	.00	.00	.09
GT 24	0	0	0	0	0	0	0	0	3	0	1	0	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.09	.00	.03	.00	.00	.00	.00	.00	.00	.12
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.01	.00	.00	.00	.00	.00	.00	.03
ALL SPEEDS	221	456	389	188	133	109	134	164	217	299	304	284	103	60	70	87	0	3218
(1)	6.87	14.17	12.09	5.84	4.13	3.39	4.16	5.10	6.74	9.29	9.45	8.83	3.20	1.86	2.18	2.70	.00	100.00
(2)	1.71	3.53	3.01	1.45	1.03	.84	1.04	1.27	1.68	2.31	2.35	2.20	.80	.46	.54	.67	.00	24.90

(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 .50 MPH)

Table 2.7-77— SSES 197' (60m) 2001-2006 Spring JFD

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 9.32

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	41	101	119	50	39	31	48	23	29	21	20	4	8	6	4	2	0	546
(1)	3.40	8.38	9.88	4.15	3.24	2.57	3.98	1.91	2.41	1.74	1.66	.33	.66	.50	.33	.17	.00	45.31
(2)	.32	.78	.92	.39	.30	.24	.37	.18	.22	.16	.15	.03	.06	.05	.03	.02	.00	4.22
4-7	61	204	83	11	13	9	12	12	18	35	52	15	7	4	10	5	0	551
(1)	5.06	16.93	6.89	.91	1.08	.75	1.00	1.00	1.49	2.90	4.32	1.24	.58	.33	.83	.41	.00	45.73
(2)	.47	1.58	.64	.09	.10	.07	.09	.09	.14	.27	.40	.12	.05	.03	.08	.04	.00	4.26
8-12	9	9	5	0	1	0	2	3	3	9	12	42	2	0	1	2	0	100
(1)	.75	.75	.41	.00	.08	.00	.17	.25	.25	.75	1.00	3.49	.17	.00	.08	.17	.00	8.30
(2)	.07	.07	.04	.00	.01	.00	.02	.02	.02	.07	.09	.32	.02	.00	.01	.02	.00	.77
13-18	1	0	0	0	1	0	0	0	0	0	1	5	0	0	0	0	0	8
(1)	.08	.00	.00	.00	.08	.00	.00	.00	.00	.00	.08	.41	.00	.00	.00	.00	.00	.66
(2)	.01	.00	.00	.00	.01	.00	.00	.00	.00	.00	.01	.04	.00	.00	.00	.00	.00	.06
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	314	207	61	54	40	62	38	50	65	85	66	17	10	15	9	0	1205
(1)	9.29	26.06	17.18	5.06	4.48	3.32	5.15	3.15	4.15	5.39	7.05	5.48	1.41	.83	1.24	.75	.00	100.00
(2)	.87	2.43	1.60	.47	.42	.31	.48	.29	.39	.50	.66	.51	.13	.08	.12	.07	.00	9.32

(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 .50 MPH)

Table 2.7-77— SSES 197' (60m) 2001-2006 Spring JFD

SSES SPRING 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 8.03

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	23	68	119	51	34	30	24	20	18	13	6	3	2	1	1	4	0	417
(1)	2.22	6.55	11.46	4.91	3.28	2.89	2.31	1.93	1.73	1.25	.58	.29	.19	.10	.10	.39	.00	40.17
(2)	.18	.53	.92	.39	.26	.23	.19	.15	.14	.10	.05	.02	.02	.01	.01	.03	.00	3.23
4-7	102	253	89	20	5	6	8	7	20	23	29	7	1	1	4	7	0	582
(1)	9.83	24.37	8.57	1.93	.48	.58	.77	.67	1.93	2.22	2.79	.67	.10	.10	.39	.67	.00	56.07
(2)	.79	1.96	.69	.15	.04	.05	.06	.05	.15	.18	.22	.05	.01	.01	.03	.05	.00	4.50
8-12	6	2	2	0	0	0	1	2	3	10	5	8	0	0	0	0	0	39
(1)	.58	.19	.19	.00	.00	.00	.10	.19	.29	.96	.48	.77	.00	.00	.00	.00	.00	3.76
(2)	.05	.02	.02	.00	.00	.00	.01	.02	.02	.08	.04	.06	.00	.00	.00	.00	.00	.30
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	131	323	210	71	39	36	33	29	41	46	40	18	3	2	5	11	0	1038
(1)	12.62	31.12	20.23	6.84	3.76	3.47	3.18	2.79	3.95	4.43	3.85	1.73	.29	.19	.48	1.06	.00	100.00
(2)	1.01	2.50	1.62	.55	.30	.28	.26	.22	.32	.36	.31	.14	.02	.02	.04	.09	.00	8.03

(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 .50 MPH)

Table 2.7-77— SSES 197' (60m) 2001-2006 Spring JFD

SSES SPRING 01-06 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	126	324	443	234	173	140	165	132	142	139	127	50	30	21	19	34	0	2299
(1)	.97	2.51	3.43	1.81	1.34	1.08	1.28	1.02	1.10	1.08	.98	.39	.23	.16	.15	.26	.00	17.79
(2)	.97	2.51	3.43	1.81	1.34	1.08	1.28	1.02	1.10	1.08	.98	.39	.23	.16	.15	.26	.00	17.79
4-7	371	811	511	212	147	145	160	172	199	327	468	260	115	100	103	89	0	4190
(1)	2.87	6.28	3.95	1.64	1.14	1.12	1.24	1.33	1.54	2.53	3.62	2.01	.89	.77	.80	.69	.00	32.42
(2)	2.87	6.28	3.95	1.64	1.14	1.12	1.24	1.33	1.54	2.53	3.62	2.01	.89	.77	.80	.69	.00	32.42
8-12	369	478	314	110	92	115	173	162	162	264	423	462	209	206	276	294	0	4109
(1)	2.86	3.70	2.43	.85	.71	.89	1.34	1.25	1.25	2.04	3.27	3.57	1.62	1.59	2.14	2.27	.00	31.79
(2)	2.86	3.70	2.43	.85	.71	.89	1.34	1.25	1.25	2.04	3.27	3.57	1.62	1.59	2.14	2.27	.00	31.79
13-18	125	175	64	13	26	49	46	43	128	129	198	382	205	143	171	126	0	2023
(1)	.97	1.35	.50	.10	.20	.38	.36	.33	.99	1.00	1.53	2.96	1.59	1.11	1.32	.97	.00	15.65
(2)	.97	1.35	.50	.10	.20	.38	.36	.33	.99	1.00	1.53	2.96	1.59	1.11	1.32	.97	.00	15.65
19-24	5	10	3	1	4	5	5	5	13	15	25	95	60	15	7	3	0	271
(1)	.04	.08	.02	.01	.03	.04	.04	.04	.10	.12	.19	.74	.46	.12	.05	.02	.00	2.10
(2)	.04	.08	.02	.01	.03	.04	.04	.04	.10	.12	.19	.74	.46	.12	.05	.02	.00	2.10
GT 24	0	0	0	0	0	1	0	0	3	1	9	10	8	0	0	0	0	32
(1)	.00	.00	.00	.00	.00	.01	.00	.00	.02	.01	.07	.08	.06	.00	.00	.00	.00	.25
(2)	.00	.00	.00	.00	.00	.01	.00	.00	.02	.01	.07	.08	.06	.00	.00	.00	.00	.25
ALL SPEEDS	996	1798	1335	570	442	455	549	514	647	875	1250	1259	627	485	576	546	0	12924
(1)	7.71	13.91	10.33	4.41	3.42	3.52	4.25	3.98	5.01	6.77	9.67	9.74	4.85	3.75	4.46	4.22	.00	100.00
(2)	7.71	13.91	10.33	4.41	3.42	3.52	4.25	3.98	5.01	6.77	9.67	9.74	4.85	3.75	4.46	4.22	.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 .50 MPH)

Table 2.7-78— SSES 197' (60m) 2001-2006 Summer JFD

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) = 8.67

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	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	4	21	16	13	10	10	1	10	16	9	1	0	1	1	0	0	113
(1)	.00	.39	2.04	1.55	1.26	.97	.97	.10	.97	1.55	.87	.10	.00	.10	.10	.00	.00	10.96
(2)	.00	.03	.18	.13	.11	.08	.08	.01	.08	.13	.08	.01	.00	.01	.01	.00	.00	.95
4-7	16	26	46	19	9	9	20	11	16	34	69	17	2	1	2	1	0	298
(1)	1.55	2.52	4.46	1.84	.87	.87	1.94	1.07	1.55	3.30	6.69	1.65	.19	.10	.19	.10	.00	28.90
(2)	.13	.22	.39	.16	.08	.08	.17	.09	.13	.29	.58	.14	.02	.01	.02	.01	.00	2.51
8-12	37	28	14	10	0	0	18	7	14	31	185	84	21	8	5	8	0	470
(1)	3.59	2.72	1.36	.97	.00	.00	1.75	.68	1.36	3.01	17.94	8.15	2.04	.78	.48	.78	.00	45.59
(2)	.31	.24	.12	.08	.00	.00	.15	.06	.12	.26	1.56	.71	.18	.07	.04	.07	.00	3.95
13-18	3	9	0	2	0	3	1	1	8	8	52	52	6	0	2	2	0	149
(1)	.29	.87	.00	.19	.00	.29	.10	.10	.78	.78	5.04	5.04	.58	.00	.19	.19	.00	14.45
(2)	.03	.08	.00	.02	.00	.03	.01	.01	.07	.07	.44	.44	.05	.00	.02	.02	.00	1.25
19-24	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	.10	.00	.00	.00	.00	.00	.00	.10
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.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	56	67	81	47	22	22	49	20	48	89	316	154	29	10	10	11	0	1031
(1)	5.43	6.50	7.86	4.56	2.13	2.13	4.75	1.94	4.66	8.63	30.65	14.94	2.81	.97	.97	1.07	.00	100.00
(2)	.47	.56	.68	.40	.18	.18	.41	.17	.40	.75	2.66	1.29	.24	.08	.08	.09	.00	8.67

(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 .50 MPH)

Table 2.7-78— SSES 197' (60m) 2001-2006 Summer JFD

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 4.40

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	3	7	10	7	6	3	2	2	3	1	1	0	0	1	0	0	47
(1)	.19	.57	1.34	1.91	1.34	1.15	.57	.38	.38	.57	.19	.19	.00	.00	.19	.00	.00	8.99
(2)	.01	.03	.06	.08	.06	.05	.03	.02	.02	.03	.01	.01	.00	.00	.01	.00	.00	.40
4-7	10	29	22	12	2	4	5	3	3	11	34	4	1	2	3	3	0	148
(1)	1.91	5.54	4.21	2.29	.38	.76	.96	.57	.57	2.10	6.50	.76	.19	.38	.57	.57	.00	28.30
(2)	.08	.24	.18	.10	.02	.03	.04	.03	.03	.09	.29	.03	.01	.02	.03	.03	.00	1.24
8-12	19	26	4	4	1	0	7	3	8	17	92	43	17	6	5	13	0	265
(1)	3.63	4.97	.76	.76	.19	.00	1.34	.57	1.53	3.25	17.59	8.22	3.25	1.15	.96	2.49	.00	50.67
(2)	.16	.22	.03	.03	.01	.00	.06	.03	.07	.14	.77	.36	.14	.05	.04	.11	.00	2.23
13-18	6	3	0	0	0	1	0	0	1	7	18	20	4	0	0	2	0	62
(1)	1.15	.57	.00	.00	.00	.19	.00	.00	.19	1.34	3.44	3.82	.76	.00	.00	.38	.00	11.85
(2)	.05	.03	.00	.00	.00	.01	.00	.00	.01	.06	.15	.17	.03	.00	.00	.02	.00	.52
19-24	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	.01	.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	36	61	33	26	10	11	15	8	14	38	145	69	22	8	9	18	0	523
(1)	6.88	11.66	6.31	4.97	1.91	2.10	2.87	1.53	2.68	7.27	27.72	13.19	4.21	1.53	1.72	3.44	.00	100.00
(2)	.30	.51	.28	.22	.08	.09	.13	.07	.12	.32	1.22	.58	.18	.07	.08	.15	.00	4.40

(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 .50 MPH)

Table 2.7-78— SSES 197' (60m) 2001-2006 Summer JFD

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 5.57

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	6	7	12	12	4	2	3	9	9	5	1	1	1	0	1	0	74
(1)	.15	.91	1.06	1.81	1.81	.60	.30	.45	1.36	1.36	.76	.15	.15	.15	.00	.15	.00	11.18
(2)	.01	.05	.06	.10	.10	.03	.02	.03	.08	.08	.04	.01	.01	.01	.00	.01	.00	.62
4-7	17	33	18	14	5	4	7	5	10	23	40	11	2	4	5	8	0	206
(1)	2.57	4.98	2.72	2.11	.76	.60	1.06	.76	1.51	3.47	6.04	1.66	.30	.60	.76	1.21	.00	31.12
(2)	.14	.28	.15	.12	.04	.03	.06	.04	.08	.19	.34	.09	.02	.03	.04	.07	.00	1.73
8-12	26	12	7	1	0	2	3	2	8	19	85	52	14	9	19	20	0	279
(1)	3.93	1.81	1.06	.15	.00	.30	.45	.30	1.21	2.87	12.84	7.85	2.11	1.36	2.87	3.02	.00	42.15
(2)	.22	.10	.06	.01	.00	.02	.03	.02	.07	.16	.71	.44	.12	.08	.16	.17	.00	2.35
13-18	1	5	0	0	0	0	0	1	3	8	22	43	4	3	7	2	0	99
(1)	.15	.76	.00	.00	.00	.00	.00	.15	.45	1.21	3.32	6.50	.60	.45	1.06	.30	.00	14.95
(2)	.01	.04	.00	.00	.00	.00	.00	.01	.03	.07	.18	.36	.03	.03	.06	.02	.00	.83
19-24	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.60	.00	.00	.00	.00	.00	.60
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.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	45	56	32	27	17	10	12	11	30	59	152	111	21	17	31	31	0	662
(1)	6.80	8.46	4.83	4.08	2.57	1.51	1.81	1.66	4.53	8.91	22.96	16.77	3.17	2.57	4.68	4.68	.00	100.00
(2)	.38	.47	.27	.23	.14	.08	.10	.09	.25	.50	1.28	.93	.18	.14	.26	.26	.00	5.57

(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 .50 MPH)

Table 2.7-78— SSES 197' (60m) 2001-2006 Summer JFD

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 31.42

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	1	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03
(2)	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
C-3	23	91	118	80	60	49	51	45	70	65	64	32	7	4	5	10	0	774
(1)	.62	2.43	3.16	2.14	1.61	1.31	1.36	1.20	1.87	1.74	1.71	.86	.19	.11	.13	.27	.00	20.71
(2)	.19	.77	.99	.67	.50	.41	.43	.38	.59	.55	.54	.27	.06	.03	.04	.08	.00	6.51
4-7	97	156	104	69	62	49	64	64	58	153	256	91	26	26	32	41	0	1348
(1)	2.59	4.17	2.78	1.85	1.66	1.31	1.71	1.71	1.55	4.09	6.85	2.43	.70	.70	.86	1.10	.00	36.06
(2)	.82	1.31	.87	.58	.52	.41	.54	.54	.49	1.29	2.15	.77	.22	.22	.27	.34	.00	11.33
8-12	87	128	64	7	18	35	39	52	93	96	256	188	48	35	83	91	0	1320
(1)	2.33	3.42	1.71	.19	.48	.94	1.04	1.39	2.49	2.57	6.85	5.03	1.28	.94	2.22	2.43	.00	35.31
(2)	.73	1.08	.54	.06	.15	.29	.33	.44	.78	.81	2.15	1.58	.40	.29	.70	.77	.00	11.10
13-18	9	16	1	0	4	5	2	1	19	31	68	100	8	3	8	12	0	287
(1)	.24	.43	.03	.00	.11	.13	.05	.03	.51	.83	1.82	2.68	.21	.08	.21	.32	.00	7.68
(2)	.08	.13	.01	.00	.03	.04	.02	.01	.16	.26	.57	.84	.07	.03	.07	.10	.00	2.41
19-24	0	0	0	0	0	0	0	0	1	2	0	5	0	0	0	0	0	8
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.03	.05	.00	.13	.00	.00	.00	.00	.00	.21
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.00	.04	.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	216	391	287	156	145	138	156	162	241	347	644	416	89	68	128	154	0	3738
(1)	5.78	10.46	7.68	4.17	3.88	3.69	4.17	4.33	6.45	9.28	17.23	11.13	2.38	1.82	3.42	4.12	.00	100.00
(2)	1.82	3.29	2.41	1.31	1.22	1.16	1.31	1.36	2.03	2.92	5.41	3.50	.75	.57	1.08	1.29	.00	31.42

(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 .50 MPH)

Table 2.7-78— SSES 197' (60m) 2001-2006 Summer JFD

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 30.29

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	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03
(2)	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
C-3	43	192	284	118	109	83	92	77	91	71	49	23	9	5	5	12	0	1263
(1)	1.19	5.33	7.88	3.28	3.03	2.30	2.55	2.14	2.53	1.97	1.36	.64	.25	.14	.14	.33	.00	35.05
(2)	.36	1.61	2.39	.99	.92	.70	.77	.65	.77	.60	.41	.19	.08	.04	.04	.10	.00	10.62
4-7	146	442	180	59	49	35	61	70	89	123	184	64	12	16	17	18	0	1565
(1)	4.05	12.27	5.00	1.64	1.36	.97	1.69	1.94	2.47	3.41	5.11	1.78	.33	.44	.47	.50	.00	43.44
(2)	1.23	3.72	1.51	.50	.41	.29	.51	.59	.75	1.03	1.55	.54	.10	.13	.14	.15	.00	13.16
8-12	30	60	40	3	9	10	20	28	70	125	116	108	6	9	28	27	0	689
(1)	.83	1.67	1.11	.08	.25	.28	.56	.78	1.94	3.47	3.22	3.00	.17	.25	.78	.75	.00	19.12
(2)	.25	.50	.34	.03	.08	.08	.17	.24	.59	1.05	.98	.91	.05	.08	.24	.23	.00	5.79
13-18	1	9	3	0	0	0	2	4	11	12	15	15	3	0	2	3	0	80
(1)	.03	.25	.08	.00	.00	.00	.06	.11	.31	.33	.42	.42	.08	.00	.06	.08	.00	2.22
(2)	.01	.08	.03	.00	.00	.00	.02	.03	.09	.10	.13	.13	.03	.00	.02	.03	.00	.67
19-24	0	0	0	0	0	0	0	1	3	0	0	1	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.03	.08	.00	.00	.03	.00	.00	.00	.00	.00	.14
(2)	.00	.00	.00	.00	.00	.00	.00	.01	.03	.00	.00	.01	.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	220	703	508	180	167	128	175	180	264	331	364	211	30	30	52	60	0	3603
(1)	6.11	19.51	14.10	5.00	4.64	3.55	4.86	5.00	7.33	9.19	10.10	5.86	.83	.83	1.44	1.67	.00	100.00
(2)	1.85	5.91	4.27	1.51	1.40	1.08	1.47	1.51	2.22	2.78	3.06	1.77	.25	.25	.44	.50	.00	30.29

(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 .50 MPH)

Table 2.7-78— SSES 197' (60m) 2001-2006 Summer JFD

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS F — CLASS FREQUENCY (PERCENT) = 14.71

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	28	177	188	87	70	64	56	49	50	17	11	6	3	1	2	4	0	813
(1)	1.60	10.11	10.74	4.97	4.00	3.66	3.20	2.80	2.86	.97	.63	.34	.17	.06	.11	.23	.00	46.46
(2)	.24	1.49	1.58	.73	.59	.54	.47	.41	.42	.14	.09	.05	.03	.01	.02	.03	.00	6.83
4-7	102	473	82	9	14	8	5	7	18	54	48	11	3	3	6	3	0	846
(1)	5.83	27.03	4.69	.51	.80	.46	.29	.40	1.03	3.09	2.74	.63	.17	.17	.34	.17	.00	48.34
(2)	.86	3.98	.69	.08	.12	.07	.04	.06	.15	.45	.40	.09	.03	.03	.05	.03	.00	7.11
8-12	9	3	1	0	0	0	0	1	3	5	27	39	0	0	2	0	0	90
(1)	.51	.17	.06	.00	.00	.00	.00	.06	.17	.29	1.54	2.23	.00	.00	.11	.00	.00	5.14
(2)	.08	.03	.01	.00	.00	.00	.00	.01	.03	.04	.23	.33	.00	.00	.02	.00	.00	.76
13-18	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	.06	.00	.00	.06
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.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	139	653	271	96	84	72	61	57	71	76	86	56	6	4	11	7	0	1750
(1)	7.94	37.31	15.49	5.49	4.80	4.11	3.49	3.26	4.06	4.34	4.91	3.20	.34	.23	.63	.40	.00	100.00
(2)	1.17	5.49	2.28	.81	.71	.61	.51	.48	.60	.64	.72	.47	.05	.03	.09	.06	.00	14.71

(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 .50 MPH)

Table 2.7-78— SSES 197' (60m) 2001-2006 Summer JFD

SSES SUMMER 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 4.94

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	10	56	68	38	22	26	18	20	13	10	6	0	0	1	1	1	0	290
(1)	1.70	9.52	11.56	6.46	3.74	4.42	3.06	3.40	2.21	1.70	1.02	.00	.00	.17	.17	.17	.00	49.32
(2)	.08	.47	.57	.32	.18	.22	.15	.17	.11	.08	.05	.00	.00	.01	.01	.01	.00	2.44
4-7	37	142	39	5	1	1	2	0	6	24	20	4	0	1	4	1	0	287
(1)	6.29	24.15	6.63	.85	.17	.17	.34	.00	1.02	4.08	3.40	.68	.00	.17	.68	.17	.00	48.81
(2)	.31	1.19	.33	.04	.01	.01	.02	.00	.05	.20	.17	.03	.00	.01	.03	.01	.00	2.41
8-12	2	1	0	0	0	0	0	0	0	1	2	3	0	1	1	0	0	11
(1)	.34	.17	.00	.00	.00	.00	.00	.00	.00	.17	.34	.51	.00	.17	.17	.00	.00	1.87
(2)	.02	.01	.00	.00	.00	.00	.00	.00	.00	.01	.02	.03	.00	.01	.01	.00	.00	.09
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	49	199	107	43	23	27	20	20	19	35	28	7	0	3	6	2	0	588
(1)	8.33	33.84	18.20	7.31	3.91	4.59	3.40	3.40	3.23	5.95	4.76	1.19	.00	.51	1.02	.34	.00	100.00
(2)	.41	1.67	.90	.36	.19	.23	.17	.17	.16	.29	.24	.06	.00	.03	.05	.02	.00	4.94

(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 .50 MPH)

Table 2.7-78— SSES 197' (60m) 2001-2006 Summer JFD

SSES SUMMER 01-06 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	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.00	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
C-3	106	529	693	361	293	242	232	197	245	191	145	64	20	13	15	28	0	3374
(1)	.89	4.45	5.83	3.03	2.46	2.03	1.95	1.66	2.06	1.61	1.22	.54	.17	.11	.13	.24	.00	28.36
(2)	.89	4.45	5.83	3.03	2.46	2.03	1.95	1.66	2.06	1.61	1.22	.54	.17	.11	.13	.24	.00	28.36
4-7	425	1301	491	187	142	110	164	160	200	422	651	202	46	53	69	75	0	4698
(1)	3.57	10.94	4.13	1.57	1.19	.92	1.38	1.35	1.68	3.55	5.47	1.70	.39	.45	.58	.63	.00	39.50
(2)	3.57	10.94	4.13	1.57	1.19	.92	1.38	1.35	1.68	3.55	5.47	1.70	.39	.45	.58	.63	.00	39.50
8-12	210	258	130	25	28	47	87	93	196	294	763	517	106	68	143	159	0	3124
(1)	1.77	2.17	1.09	.21	.24	.40	.73	.78	1.65	2.47	6.41	4.35	.89	.57	1.20	1.34	.00	26.26
(2)	1.77	2.17	1.09	.21	.24	.40	.73	.78	1.65	2.47	6.41	4.35	.89	.57	1.20	1.34	.00	26.26
13-18	20	42	4	2	4	9	5	7	42	66	175	230	25	6	20	21	0	678
(1)	.17	.35	.03	.02	.03	.08	.04	.06	.35	.55	1.47	1.93	.21	.05	.17	.18	.00	5.70
(2)	.17	.35	.03	.02	.03	.08	.04	.06	.35	.55	1.47	1.93	.21	.05	.17	.18	.00	5.70
19-24	0	0	0	0	0	0	0	1	4	2	1	11	0	0	0	0	0	19
(1)	.00	.00	.00	.00	.00	.00	.00	.01	.03	.02	.01	.09	.00	.00	.00	.00	.00	.16
(2)	.00	.00	.00	.00	.00	.00	.00	.01	.03	.02	.01	.09	.00	.00	.00	.00	.00	.16
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	761	2130	1319	575	468	408	488	458	687	975	1735	1024	197	140	247	283	0	11895
(1)	6.40	17.91	11.09	4.83	3.93	3.43	4.10	3.85	5.78	8.20	14.59	8.61	1.66	1.18	2.08	2.38	.00	100.00
(2)	6.40	17.91	11.09	4.83	3.93	3.43	4.10	3.85	5.78	8.20	14.59	8.61	1.66	1.18	2.08	2.38	.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 .50 MPH)

Table 2.7-79— SSES 197' (60m) 2001-2006 Autumn JFD

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) = 3.51

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	6	9	7	6	3	3	10	8	6	0	0	0	1	0	0	63
(1)	.22	.67	1.33	2.00	1.56	1.33	.67	.67	2.22	1.78	1.33	.00	.00	.00	.22	.00	.00	14.00
(2)	.01	.02	.05	.07	.05	.05	.02	.02	.08	.06	.05	.00	.00	.00	.01	.00	.00	.49
4-7	2	19	15	8	2	3	8	16	9	21	38	9	0	0	3	2	0	155
(1)	.44	4.22	3.33	1.78	.44	.67	1.78	3.56	2.00	4.67	8.44	2.00	.00	.00	.67	.44	.00	34.44
(2)	.02	.15	.12	.06	.02	.02	.06	.12	.07	.16	.30	.07	.00	.00	.02	.02	.00	1.21
8-12	9	10	5	0	0	0	2	13	19	27	62	19	3	2	2	4	0	177
(1)	2.00	2.22	1.11	.00	.00	.00	.44	2.89	4.22	6.00	13.78	4.22	.67	.44	.44	.89	.00	39.33
(2)	.07	.08	.04	.00	.00	.00	.02	.10	.15	.21	.48	.15	.02	.02	.02	.03	.00	1.38
13-18	0	2	4	0	0	0	0	3	8	9	16	10	0	0	0	0	0	52
(1)	.00	.44	.89	.00	.00	.00	.00	.67	1.78	2.00	3.56	2.22	.00	.00	.00	.00	.00	11.56
(2)	.00	.02	.03	.00	.00	.00	.00	.02	.06	.07	.12	.08	.00	.00	.00	.00	.00	.41
19-24	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.22	.00	.00	.44	.00	.00	.00	.00	.00	.00	.00	.67
(2)	.00	.00	.00	.00	.00	.00	.01	.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	12	34	30	17	9	9	14	35	46	67	122	38	3	2	6	6	0	450
(1)	2.67	7.56	6.67	3.78	2.00	2.00	3.11	7.78	10.22	14.89	27.11	8.44	.67	.44	1.33	1.33	.00	100.00
(2)	.09	.27	.23	.13	.07	.07	.11	.27	.36	.52	.95	.30	.02	.02	.05	.05	.00	3.51

(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 .50 MPH)

Table 2.7-79— SSES 197' (60m) 2001-2006 Autumn JFD

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 2.52

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	5	5	0	4	2	1	2	6	0	1	0	0	0	0	0	31
(1)	.62	.93	1.55	1.55	.00	1.24	.62	.31	.62	1.86	.00	.31	.00	.00	.00	.00	.00	9.60
(2)	.02	.02	.04	.04	.00	.03	.02	.01	.02	.05	.00	.01	.00	.00	.00	.00	.00	.24
4-7	3	6	9	3	0	2	2	2	5	14	29	5	3	0	2	3	0	88
(1)	.93	1.86	2.79	.93	.00	.62	.62	.62	1.55	4.33	8.98	1.55	.93	.00	.62	.93	.00	27.24
(2)	.02	.05	.07	.02	.00	.02	.02	.02	.04	.11	.23	.04	.02	.00	.02	.02	.00	.69
8-12	6	13	7	0	0	0	4	4	6	9	42	17	11	7	3	7	0	136
(1)	1.86	4.02	2.17	.00	.00	.00	1.24	1.24	1.86	2.79	13.00	5.26	3.41	2.17	.93	2.17	.00	42.11
(2)	.05	.10	.05	.00	.00	.00	.03	.03	.05	.07	.33	.13	.09	.05	.02	.05	.00	1.06
13-18	0	3	0	0	0	0	1	4	1	3	17	24	3	0	0	0	0	56
(1)	.00	.93	.00	.00	.00	.00	.31	1.24	.31	.93	5.26	7.43	.93	.00	.00	.00	.00	17.34
(2)	.00	.02	.00	.00	.00	.00	.01	.03	.01	.02	.13	.19	.02	.00	.00	.00	.00	.44
19-24	0	0	0	0	0	0	0	0	0	4	3	3	0	0	1	1	0	12
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.24	.93	.93	.00	.00	.31	.31	.00	3.72
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.02	.02	.00	.00	.01	.01	.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	11	25	21	8	0	6	9	11	14	36	91	50	17	7	6	11	0	323
(1)	3.41	7.74	6.50	2.48	.00	1.86	2.79	3.41	4.33	11.15	28.17	15.48	5.26	2.17	1.86	3.41	.00	100.00
(2)	.09	.19	.16	.06	.00	.05	.07	.09	.11	.28	.71	.39	.13	.05	.05	.09	.00	2.52

(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 .50 MPH)

Table 2.7-79— SSES 197' (60m) 2001-2006 Autumn JFD

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 3.86

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	2	3	6	4	2	3	4	7	5	2	0	0	1	0	0	0	44
(1)	1.01	.40	.61	1.21	.81	.40	.61	.81	1.41	1.01	.40	.00	.00	.20	.00	.00	.00	8.89
(2)	.04	.02	.02	.05	.03	.02	.02	.03	.05	.04	.02	.00	.00	.01	.00	.00	.00	.34
4-7	2	16	17	5	1	3	2	5	5	17	38	12	1	1	2	0	0	127
(1)	.40	3.23	3.43	1.01	.20	.61	.40	1.01	1.01	3.43	7.68	2.42	.20	.20	.40	.00	.00	25.66
(2)	.02	.12	.13	.04	.01	.02	.02	.04	.04	.13	.30	.09	.01	.01	.02	.00	.00	.99
8-12	22	25	4	1	0	1	5	7	14	12	57	33	12	13	4	12	0	222
(1)	4.44	5.05	.81	.20	.00	.20	1.01	1.41	2.83	2.42	11.52	6.67	2.42	2.63	.81	2.42	.00	44.85
(2)	.17	.19	.03	.01	.00	.01	.04	.05	.11	.09	.44	.26	.09	.10	.03	.09	.00	1.73
13-18	6	8	0	0	0	0	2	3	6	9	9	32	8	0	1	4	0	88
(1)	1.21	1.62	.00	.00	.00	.00	.40	.61	1.21	1.82	1.82	6.46	1.62	.00	.20	.81	.00	17.78
(2)	.05	.06	.00	.00	.00	.00	.02	.02	.05	.07	.07	.25	.06	.00	.01	.03	.00	.69
19-24	0	0	0	0	0	0	0	0	0	1	0	9	0	0	0	2	0	12
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.20	.00	1.82	.00	.00	.00	.40	.00	2.42
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.07	.00	.00	.00	.02	.00	.09
GT 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	.40	.00	.00	.00	.00	.00	.40
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
ALL SPEEDS	35	51	24	12	5	6	12	19	32	44	106	88	21	15	7	18	0	495
(1)	7.07	10.30	4.85	2.42	1.01	1.21	2.42	3.84	6.46	8.89	21.41	17.78	4.24	3.03	1.41	3.64	.00	100.00
(2)	.27	.40	.19	.09	.04	.05	.09	.15	.25	.34	.83	.69	.16	.12	.05	.14	.00	3.86

(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 .50 MPH)

Table 2.7-79— SSES 197' (60m) 2001-2006 Autumn JFD

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 35.69

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	21	68	113	69	50	43	38	50	67	61	53	12	5	4	5	9	0	668
(1)	.46	1.49	2.47	1.51	1.09	.94	.83	1.09	1.46	1.33	1.16	.26	.11	.09	.11	.20	.00	14.59
(2)	.16	.53	.88	.54	.39	.34	.30	.39	.52	.48	.41	.09	.04	.03	.04	.07	.00	5.21
4-7	79	174	108	29	47	35	66	55	49	94	155	91	48	30	21	46	0	1127
(1)	1.73	3.80	2.36	.63	1.03	.76	1.44	1.20	1.07	2.05	3.39	1.99	1.05	.66	.46	1.00	.00	24.62
(2)	.62	1.36	.84	.23	.37	.27	.51	.43	.38	.73	1.21	.71	.37	.23	.16	.36	.00	8.79
8-12	161	239	116	20	17	36	74	75	75	78	145	198	124	115	163	157	0	1793
(1)	3.52	5.22	2.53	.44	.37	.79	1.62	1.64	1.64	1.70	3.17	4.33	2.71	2.51	3.56	3.43	.00	39.17
(2)	1.26	1.86	.90	.16	.13	.28	.58	.58	.58	.61	1.13	1.54	.97	.90	1.27	1.22	.00	13.98
13-18	31	39	9	4	0	3	29	32	17	54	57	174	100	62	93	54	0	758
(1)	.68	.85	.20	.09	.00	.07	.63	.70	.37	1.18	1.25	3.80	2.18	1.35	2.03	1.18	.00	16.56
(2)	.24	.30	.07	.03	.00	.02	.23	.25	.13	.42	.44	1.36	.78	.48	.72	.42	.00	5.91
19-24	0	0	1	1	0	0	8	11	11	12	7	78	15	23	3	3	0	173
(1)	.00	.00	.02	.02	.00	.00	.17	.24	.24	.26	.15	1.70	.33	.50	.07	.07	.00	3.78
(2)	.00	.00	.01	.01	.00	.00	.06	.09	.09	.09	.05	.61	.12	.18	.02	.02	.00	1.35
GT 24	0	0	0	2	0	0	1	4	3	2	0	34	12	0	1	0	0	59
(1)	.00	.00	.00	.04	.00	.00	.02	.09	.07	.04	.00	.74	.26	.00	.02	.00	.00	1.29
(2)	.00	.00	.00	.02	.00	.00	.01	.03	.02	.02	.00	.27	.09	.00	.01	.00	.00	.46
ALL SPEEDS	292	520	347	125	114	117	216	227	222	301	417	587	304	234	286	269	0	4578
(1)	6.38	11.36	7.58	2.73	2.49	2.56	4.72	4.96	4.85	6.57	9.11	12.82	6.64	5.11	6.25	5.88	.00	100.00
(2)	2.28	4.05	2.71	.97	.89	.91	1.68	1.77	1.73	2.35	3.25	4.58	2.37	1.82	2.23	2.10	.00	35.69

(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 .50 MPH)

Table 2.7-79— SSES 197' (60m) 2001-2006 Autumn JFD

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 31.70

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	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
C-3	60	153	168	104	91	82	84	95	84	84	59	19	11	0	1	16	0	1111
(1)	1.48	3.76	4.13	2.56	2.24	2.02	2.07	2.34	2.07	2.07	1.45	.47	.27	.00	.02	.39	.00	27.32
(2)	.47	1.19	1.31	.81	.71	.64	.65	.74	.65	.65	.46	.15	.09	.00	.01	.12	.00	8.66
4-7	131	383	180	70	53	31	34	71	92	103	143	90	41	21	22	23	0	1488
(1)	3.22	9.42	4.43	1.72	1.30	.76	.84	1.75	2.26	2.53	3.52	2.21	1.01	.52	.54	.57	.00	36.60
(2)	1.02	2.99	1.40	.55	.41	.24	.27	.55	.72	.80	1.11	.70	.32	.16	.17	.18	.00	11.60
8-12	49	148	97	14	13	19	33	50	78	174	131	141	32	17	42	30	0	1068
(1)	1.21	3.64	2.39	.34	.32	.47	.81	1.23	1.92	4.28	3.22	3.47	.79	.42	1.03	.74	.00	26.27
(2)	.38	1.15	.76	.11	.10	.15	.26	.39	.61	1.36	1.02	1.10	.25	.13	.33	.23	.00	8.33
13-18	1	32	18	4	4	5	14	23	33	57	19	78	4	0	4	4	0	300
(1)	.02	.79	.44	.10	.10	.12	.34	.57	.81	1.40	.47	1.92	.10	.00	.10	.10	.00	7.38
(2)	.01	.25	.14	.03	.03	.04	.11	.18	.26	.44	.15	.61	.03	.00	.03	.03	.00	2.34
19-24	0	1	11	3	0	5	4	10	22	17	2	6	0	0	0	0	0	81
(1)	.00	.02	.27	.07	.00	.12	.10	.25	.54	.42	.05	.15	.00	.00	.00	.00	.00	1.99
(2)	.00	.01	.09	.02	.00	.04	.03	.08	.17	.13	.02	.05	.00	.00	.00	.00	.00	.63
GT 24	0	4	0	2	1	1	3	3	2	1	0	0	0	0	0	0	0	17
(1)	.00	.10	.00	.05	.02	.02	.07	.07	.05	.02	.00	.00	.00	.00	.00	.00	.00	.42
(2)	.00	.03	.00	.02	.01	.01	.02	.02	.02	.01	.00	.00	.00	.00	.00	.00	.00	.13
ALL SPEEDS	241	721	474	198	162	143	172	252	311	436	354	334	88	38	69	73	0	4066
(1)	5.93	17.73	11.66	4.87	3.98	3.52	4.23	6.20	7.65	10.72	8.71	8.21	2.16	.93	1.70	1.80	.00	100.00
(2)	1.88	5.62	3.70	1.54	1.26	1.11	1.34	1.96	2.42	3.40	2.76	2.60	.69	.30	.54	.57	.00	31.70

(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 .50 MPH)

Table 2.7-79— SSES 197' (60m) 2001-2006 Autumn JFD

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS F — CLASS FREQUENCY (PERCENT) = 13.25

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	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06
(2)	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
C-3	18	145	163	70	54	46	47	22	34	20	11	5	2	1	3	7	0	648
(1)	1.06	8.53	9.59	4.12	3.18	2.71	2.76	1.29	2.00	1.18	.65	.29	.12	.06	.18	.41	.00	38.12
(2)	.14	1.13	1.27	.55	.42	.36	.37	.17	.27	.16	.09	.04	.02	.01	.02	.05	.00	5.05
4-7	145	457	74	18	13	5	3	11	29	54	48	11	8	6	4	5	0	891
(1)	8.53	26.88	4.35	1.06	.76	.29	.18	.65	1.71	3.18	2.82	.65	.47	.35	.24	.29	.00	52.41
(2)	1.13	3.56	.58	.14	.10	.04	.02	.09	.23	.42	.37	.09	.06	.05	.03	.04	.00	6.95
8-12	9	21	8	0	0	2	0	3	13	30	26	36	0	0	2	1	0	151
(1)	.53	1.24	.47	.00	.00	.12	.00	.18	.76	1.76	1.53	2.12	.00	.00	.12	.06	.00	8.88
(2)	.07	.16	.06	.00	.00	.02	.00	.02	.10	.23	.20	.28	.00	.00	.02	.01	.00	1.18
13-18	0	0	0	0	0	0	0	1	0	0	0	8	0	0	0	0	0	9
(1)	.00	.00	.00	.00	.00	.00	.00	.06	.00	.00	.00	.47	.00	.00	.00	.00	.00	.53
(2)	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.06	.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	172	623	246	88	67	53	50	37	76	104	85	60	10	7	9	13	0	1700
(1)	10.12	36.65	14.47	5.18	3.94	3.12	2.94	2.18	4.47	6.12	5.00	3.53	.59	.41	.53	.76	.00	100.00
(2)	1.34	4.86	1.92	.69	.52	.41	.39	.29	.59	.81	.66	.47	.08	.05	.07	.10	.00	13.25

(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 .50 MPH)

Table 2.7-79— SSES 197' (60m) 2001-2006 Autumn JFD

SSES FALL 01-06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 9.48

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	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	19	119	134	66	57	32	36	23	32	16	4	2	0	3	1	0	0	544
(1)	1.56	9.79	11.02	5.43	4.69	2.63	2.96	1.89	2.63	1.32	.33	.16	.00	.25	.08	.00	.00	44.74
(2)	.15	.93	1.04	.51	.44	.25	.28	.18	.25	.12	.03	.02	.00	.02	.01	.00	.00	4.24
4-7	102	276	90	16	4	7	8	10	32	34	33	6	2	1	8	1	0	630
(1)	8.39	22.70	7.40	1.32	.33	.58	.66	.82	2.63	2.80	2.71	.49	.16	.08	.66	.08	.00	51.81
(2)	.80	2.15	.70	.12	.03	.05	.06	.08	.25	.27	.26	.05	.02	.01	.06	.01	.00	4.91
8-12	2	7	2	0	1	1	0	0	0	9	9	10	0	0	1	0	0	42
(1)	.16	.58	.16	.00	.08	.08	.00	.00	.00	.74	.74	.82	.00	.00	.08	.00	.00	3.45
(2)	.02	.05	.02	.00	.01	.01	.00	.00	.00	.07	.07	.08	.00	.00	.01	.00	.00	.33
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	123	402	226	82	62	40	44	33	64	59	46	18	2	4	10	1	0	1216
(1)	10.12	33.06	18.59	6.74	5.10	3.29	3.62	2.71	5.26	4.85	3.78	1.48	.16	.33	.82	.08	.00	100.00
(2)	.96	3.13	1.76	.64	.48	.31	.34	.26	.50	.46	.36	.14	.02	.03	.08	.01	.00	9.48

(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 .50 MPH)

Table 2.7-79— SSES 197' (60m) 2001-2006 Autumn JFD

SSES FALL 01-06 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	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
C-3	126	493	592	329	263	215	213	198	236	200	135	39	18	9	11	32	0	3109
(1)	.98	3.84	4.61	2.56	2.05	1.68	1.66	1.54	1.84	1.56	1.05	.30	.14	.07	.09	.25	.00	24.24
(2)	.98	3.84	4.61	2.56	2.05	1.68	1.66	1.54	1.84	1.56	1.05	.30	.14	.07	.09	.25	.00	24.24
4-7	464	1331	493	149	120	86	123	170	221	337	484	224	103	59	62	80	0	4506
(1)	3.62	10.38	3.84	1.16	.94	.67	.96	1.33	1.72	2.63	3.77	1.75	.80	.46	.48	.62	.00	35.13
(2)	3.62	10.38	3.84	1.16	.94	.67	.96	1.33	1.72	2.63	3.77	1.75	.80	.46	.48	.62	.00	35.13
8-12	258	463	239	35	31	59	118	152	205	339	472	454	182	154	217	211	0	3589
(1)	2.01	3.61	1.86	.27	.24	.46	.92	1.18	1.60	2.64	3.68	3.54	1.42	1.20	1.69	1.64	.00	27.98
(2)	2.01	3.61	1.86	.27	.24	.46	.92	1.18	1.60	2.64	3.68	3.54	1.42	1.20	1.69	1.64	.00	27.98
13-18	38	84	31	8	4	8	46	66	65	132	118	326	115	62	98	62	0	1263
(1)	.30	.65	.24	.06	.03	.06	.36	.51	.51	1.03	.92	2.54	.90	.48	.76	.48	.00	9.85
(2)	.30	.65	.24	.06	.03	.06	.36	.51	.51	1.03	.92	2.54	.90	.48	.76	.48	.00	9.85
19-24	0	1	12	4	0	5	13	21	33	36	12	96	15	23	4	6	0	281
(1)	.00	.01	.09	.03	.00	.04	.10	.16	.26	.28	.09	.75	.12	.18	.03	.05	.00	2.19
(2)	.00	.01	.09	.03	.00	.04	.10	.16	.26	.28	.09	.75	.12	.18	.03	.05	.00	2.19
GT 24	0	4	0	4	1	1	4	7	5	3	0	36	12	0	1	0	0	78
(1)	.00	.03	.00	.03	.01	.01	.03	.05	.04	.02	.00	.28	.09	.00	.01	.00	.00	.61
(2)	.00	.03	.00	.03	.01	.01	.03	.05	.04	.02	.00	.28	.09	.00	.01	.00	.00	.61
ALL SPEEDS	886	2376	1368	530	419	374	517	614	765	1047	1221	1175	445	307	393	391	0	12828
(1)	6.91	18.52	10.66	4.13	3.27	2.92	4.03	4.79	5.96	8.16	9.52	9.16	3.47	2.39	3.06	3.05	.00	100.00
(2)	6.91	18.52	10.66	4.13	3.27	2.92	4.03	4.79	5.96	8.16	9.52	9.16	3.47	2.39	3.06	3.05	.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 .50 MPH)

Table 2.7-80— SSES 197' (60m) 2001-2006 January JFD

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 1.84

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	0	1	1	1	0	1	1	1	0	0	1	0	0	0	0	0	7
(1)	.00	.00	1.22	1.22	1.22	.00	1.22	1.22	1.22	.00	.00	1.22	.00	.00	.00	.00	.00	8.54
(2)	.00	.00	.02	.02	.02	.00	.02	.02	.02	.00	.00	.02	.00	.00	.00	.00	.00	.16
4-7	0	0	0	0	0	0	0	1	2	11	10	1	0	0	0	0	0	25
(1)	.00	.00	.00	.00	.00	.00	.00	1.22	2.44	13.41	12.20	1.22	.00	.00	.00	.00	.00	30.49
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.04	.25	.22	.02	.00	.00	.00	.00	.00	.56
8-12	0	0	0	0	0	0	0	0	0	4	15	2	0	0	0	0	0	21
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.88	18.29	2.44	.00	.00	.00	.00	.00	25.61
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.34	.04	.00	.00	.00	.00	.00	.47
13-18	0	0	0	0	0	0	0	0	0	0	9	15	3	0	0	0	0	27
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.98	18.29	3.66	.00	.00	.00	.00	32.93
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.20	.34	.07	.00	.00	.00	.00	.60
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	2.44	.00	.00	.00	.00	.00	2.44
(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	0	0	1	1	1	0	1	2	3	15	34	21	3	0	0	0	0	82
(1)	.00	.00	1.22	1.22	1.22	.00	1.22	2.44	3.66	18.29	41.46	25.61	3.66	.00	.00	.00	.00	100.00
(2)	.00	.00	.02	.02	.02	.00	.02	.04	.07	.34	.76	.47	.07	.00	.00	.00	.00	1.84

(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 .50 MPH)

Table 2.7-80— SSES 197' (60m) 2001-2006 January JFD

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 1.66

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	1	0	1	0	0	0	0	0	1	0	4
(1)	.00	.00	.00	.00	1.35	.00	.00	1.35	.00	1.35	.00	.00	.00	.00	.00	1.35	.00	5.41
(2)	.00	.00	.00	.00	.02	.00	.00	.02	.00	.02	.00	.00	.00	.00	.00	.02	.00	.09
4-7	0	0	2	0	0	1	0	1	1	2	5	2	0	1	0	0	0	15
(1)	.00	.00	2.70	.00	.00	1.35	.00	1.35	1.35	2.70	6.76	2.70	.00	1.35	.00	.00	.00	20.27
(2)	.00	.00	.04	.00	.00	.02	.00	.02	.02	.04	.11	.04	.00	.02	.00	.00	.00	.34
8-12	2	4	1	0	0	0	0	0	0	1	6	2	5	0	1	0	0	22
(1)	2.70	5.41	1.35	.00	.00	.00	.00	.00	.00	1.35	8.11	2.70	6.76	.00	1.35	.00	.00	29.73
(2)	.04	.09	.02	.00	.00	.00	.00	.00	.00	.02	.13	.04	.11	.00	.02	.00	.00	.49
13-18	0	4	1	0	0	0	0	0	0	0	5	18	3	1	0	0	0	32
(1)	.00	5.41	1.35	.00	.00	.00	.00	.00	.00	.00	6.76	24.32	4.05	1.35	.00	.00	.00	43.24
(2)	.00	.09	.02	.00	.00	.00	.00	.00	.00	.00	.11	.40	.07	.02	.00	.00	.00	.72
19-24	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	1.35	.00	.00	.00	.00	1.35
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.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	2	8	4	0	1	1	0	2	1	4	16	22	9	2	1	1	0	74
(1)	2.70	10.81	5.41	.00	1.35	1.35	.00	2.70	1.35	5.41	21.62	29.73	12.16	2.70	1.35	1.35	.00	100.00
(2)	.04	.18	.09	.00	.02	.02	.00	.04	.02	.09	.36	.49	.20	.04	.02	.02	.00	1.66

(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 .50 MPH)

Table 2.7-80— SSES 197' (60m) 2001-2006 January JFD

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 2.49

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	0	1	0	0	2	2	1	0	2	4	1	0	0	0	0	0	0	13
(1)	.00	.90	.00	.00	1.80	1.80	.90	.00	1.80	3.60	.90	.00	.00	.00	.00	.00	.00	11.71
(2)	.00	.02	.00	.00	.04	.04	.02	.00	.04	.09	.02	.00	.00	.00	.00	.00	.00	.29
4-7	0	1	1	0	0	0	0	0	2	4	5	2	0	1	0	2	0	18
(1)	.00	.90	.90	.00	.00	.00	.00	.00	1.80	3.60	4.50	1.80	.00	.90	.00	1.80	.00	16.22
(2)	.00	.02	.02	.00	.00	.00	.00	.00	.04	.09	.11	.04	.00	.02	.00	.04	.00	.40
8-12	3	8	0	0	0	0	0	0	0	0	7	10	3	2	2	5	0	40
(1)	2.70	7.21	.00	.00	.00	.00	.00	.00	.00	.00	6.31	9.01	2.70	1.80	1.80	4.50	.00	36.04
(2)	.07	.18	.00	.00	.00	.00	.00	.00	.00	.00	.16	.22	.07	.04	.04	.11	.00	.90
13-18	2	0	0	0	0	0	0	0	0	0	10	17	7	1	0	1	0	38
(1)	1.80	.00	.00	.00	.00	.00	.00	.00	.00	.00	9.01	15.32	6.31	.90	.00	.90	.00	34.23
(2)	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.22	.38	.16	.02	.00	.02	.00	.85
19-24	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.90	.90	.00	.00	.00	.00	1.80
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.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	5	10	1	0	2	2	1	0	4	8	23	30	11	4	2	8	0	111
(1)	4.50	9.01	.90	.00	1.80	1.80	.90	.00	3.60	7.21	20.72	27.03	9.91	3.60	1.80	7.21	.00	100.00
(2)	.11	.22	.02	.00	.04	.04	.02	.00	.09	.18	.52	.67	.25	.09	.04	.18	.00	2.49

(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 .50 MPH)

Table 2.7-80— SSES 197' (60m) 2001-2006 January JFD

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 50.31

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	4	15	25	21	14	16	15	20	25	24	23	4	2	2	2	3	0	215
(1)	.18	.67	1.11	.93	.62	.71	.67	.89	1.11	1.07	1.02	.18	.09	.09	.09	.13	.00	9.57
(2)	.09	.34	.56	.47	.31	.36	.34	.45	.56	.54	.52	.09	.04	.04	.04	.07	.00	4.82
4-7	48	47	39	15	12	11	26	14	23	47	84	34	26	24	16	23	0	489
(1)	2.14	2.09	1.74	.67	.53	.49	1.16	.62	1.02	2.09	3.74	1.51	1.16	1.07	.71	1.02	.00	21.77
(2)	1.08	1.05	.87	.34	.27	.25	.58	.31	.52	1.05	1.88	.76	.58	.54	.36	.52	.00	10.95
8-12	103	68	60	7	5	6	7	17	15	39	71	109	72	59	94	130	0	862
(1)	4.59	3.03	2.67	.31	.22	.27	.31	.76	.67	1.74	3.16	4.85	3.21	2.63	4.19	5.79	.00	38.38
(2)	2.31	1.52	1.34	.16	.11	.13	.16	.38	.34	.87	1.59	2.44	1.61	1.32	2.11	2.91	.00	19.31
13-18	21	14	13	0	0	3	4	5	1	20	40	234	61	39	71	63	0	589
(1)	.93	.62	.58	.00	.00	.13	.18	.22	.04	.89	1.78	10.42	2.72	1.74	3.16	2.80	.00	26.22
(2)	.47	.31	.29	.00	.00	.07	.09	.11	.02	.45	.90	5.24	1.37	.87	1.59	1.41	.00	13.19
19-24	2	0	0	0	0	1	1	0	0	1	3	42	18	3	4	12	0	87
(1)	.09	.00	.00	.00	.00	.04	.04	.00	.00	.04	.13	1.87	.80	.13	.18	.53	.00	3.87
(2)	.04	.00	.00	.00	.00	.02	.02	.00	.00	.02	.07	.94	.40	.07	.09	.27	.00	1.95
GT 24	0	0	0	0	0	1	1	0	0	0	0	2	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.04	.04	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00	.18
(2)	.00	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.04	.00	.00	.00	.00	.00	.09
ALL SPEEDS	178	144	137	43	31	38	54	56	64	131	221	425	179	127	187	231	0	2246
(1)	7.93	6.41	6.10	1.91	1.38	1.69	2.40	2.49	2.85	5.83	9.84	18.92	7.97	5.65	8.33	10.28	.00	100.00
(2)	3.99	3.23	3.07	.96	.69	.85	1.21	1.25	1.43	2.93	4.95	9.52	4.01	2.84	4.19	5.17	.00	50.31

(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 .50 MPH)

Table 2.7-80— SSES 197' (60m) 2001-2006 January JFD

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 28.49

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	10	24	35	17	14	26	33	33	40	20	17	8	8	0	5	7	0	297
(1)	.79	1.89	2.75	1.34	1.10	2.04	2.59	2.59	3.14	1.57	1.34	.63	.63	.00	.39	.55	.00	23.35
(2)	.22	.54	.78	.38	.31	.58	.74	.74	.90	.45	.38	.18	.18	.00	.11	.16	.00	6.65
4-7	41	67	41	22	16	13	17	12	36	49	64	22	23	14	13	15	0	465
(1)	3.22	5.27	3.22	1.73	1.26	1.02	1.34	.94	2.83	3.85	5.03	1.73	1.81	1.10	1.02	1.18	.00	36.56
(2)	.92	1.50	.92	.49	.36	.29	.38	.27	.81	1.10	1.43	.49	.52	.31	.29	.34	.00	10.42
8-12	22	37	30	3	7	8	0	5	7	33	77	84	13	4	21	18	0	369
(1)	1.73	2.91	2.36	.24	.55	.63	.00	.39	.55	2.59	6.05	6.60	1.02	.31	1.65	1.42	.00	29.01
(2)	.49	.83	.67	.07	.16	.18	.00	.11	.16	.74	1.72	1.88	.29	.09	.47	.40	.00	8.27
13-18	4	12	8	0	0	0	0	1	3	12	20	56	5	1	2	0	0	124
(1)	.31	.94	.63	.00	.00	.00	.00	.08	.24	.94	1.57	4.40	.39	.08	.16	.00	.00	9.75
(2)	.09	.27	.18	.00	.00	.00	.00	.02	.07	.27	.45	1.25	.11	.02	.04	.00	.00	2.78
19-24	0	1	0	0	0	0	0	1	2	3	2	1	2	0	0	0	0	12
(1)	.00	.08	.00	.00	.00	.00	.00	.08	.16	.24	.16	.08	.16	.00	.00	.00	.00	.94
(2)	.00	.02	.00	.00	.00	.00	.00	.02	.04	.07	.04	.02	.04	.00	.00	.00	.00	.27
GT 24	0	0	0	0	0	0	1	1	1	2	0	0	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.08	.08	.08	.16	.00	.00	.00	.00	.00	.00	.00	.39
(2)	.00	.00	.00	.00	.00	.00	.02	.02	.02	.04	.00	.00	.00	.00	.00	.00	.00	.11
ALL SPEEDS	77	141	114	42	37	47	51	53	89	119	180	171	51	19	41	40	0	1272
(1)	6.05	11.08	8.96	3.30	2.91	3.69	4.01	4.17	7.00	9.36	14.15	13.44	4.01	1.49	3.22	3.14	.00	100.00
(2)	1.72	3.16	2.55	.94	.83	1.05	1.14	1.19	1.99	2.67	4.03	3.83	1.14	.43	.92	.90	.00	28.49

(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 .50 MPH)

Table 2.7-80— SSES 197' (60m) 2001-2006 January JFD

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 8.49

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	11	29	38	21	18	13	11	5	6	8	2	2	2	0	1	3	0	170
(1)	2.90	7.65	10.03	5.54	4.75	3.43	2.90	1.32	1.58	2.11	.53	.53	.53	.00	.26	.79	.00	44.85
(2)	.25	.65	.85	.47	.40	.29	.25	.11	.13	.18	.04	.04	.04	.00	.02	.07	.00	3.81
4-7	12	45	15	4	3	1	2	3	16	15	25	3	2	2	2	1	0	151
(1)	3.17	11.87	3.96	1.06	.79	.26	.53	.79	4.22	3.96	6.60	.79	.53	.53	.53	.26	.00	39.84
(2)	.27	1.01	.34	.09	.07	.02	.04	.07	.36	.34	.56	.07	.04	.04	.04	.02	.00	3.38
8-12	0	0	1	0	0	0	0	0	2	1	20	23	0	1	1	0	0	49
(1)	.00	.00	.26	.00	.00	.00	.00	.00	.53	.26	5.28	6.07	.00	.26	.26	.00	.00	12.93
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.04	.02	.45	.52	.00	.02	.02	.00	.00	1.10
13-18	0	0	0	0	0	0	0	0	1	0	2	6	0	0	0	0	0	9
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.26	.00	.53	1.58	.00	.00	.00	.00	.00	2.37
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.04	.13	.00	.00	.00	.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	23	74	54	25	21	14	13	8	25	24	49	34	4	3	4	4	0	379
(1)	6.07	19.53	14.25	6.60	5.54	3.69	3.43	2.11	6.60	6.33	12.93	8.97	1.06	.79	1.06	1.06	.00	100.00
(2)	.52	1.66	1.21	.56	.47	.31	.29	.18	.56	.54	1.10	.76	.09	.07	.09	.09	.00	8.49

(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 .50 MPH)

Table 2.7-80— SSES 197' (60m) 2001-2006 January JFD

SSES JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 6.72

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	2	25	30	11	8	12	8	8	5	3	0	1	0	1	0	0	0	114
(1)	.67	8.33	10.00	3.67	2.67	4.00	2.67	2.67	1.67	1.00	.00	.33	.00	.33	.00	.00	.00	38.00
(2)	.04	.56	.67	.25	.18	.27	.18	.18	.11	.07	.00	.02	.00	.02	.00	.00	.00	2.55
4-7	31	50	17	3	0	1	2	4	15	15	10	2	0	0	0	0	0	150
(1)	10.33	16.67	5.67	1.00	.00	.33	.67	1.33	5.00	5.00	3.33	.67	.00	.00	.00	.00	.00	50.00
(2)	.69	1.12	.38	.07	.00	.02	.04	.09	.34	.34	.22	.04	.00	.00	.00	.00	.00	3.36
8-12	0	0	0	0	0	0	0	0	2	10	7	7	0	0	1	0	0	27
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.67	3.33	2.33	2.33	.00	.00	.33	.00	.00	9.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.04	.22	.16	.16	.00	.00	.02	.00	.00	.60
13-18	0	0	0	0	0	0	0	0	0	1	1	7	0	0	0	0	0	9
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.33	.33	2.33	.00	.00	.00	.00	.00	3.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.16	.00	.00	.00	.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	33	75	47	14	8	13	10	12	22	29	18	17	0	1	1	0	0	300
(1)	11.00	25.00	15.67	4.67	2.67	4.33	3.33	4.00	7.33	9.67	6.00	5.67	.00	.33	.33	.00	.00	100.00
(2)	.74	1.68	1.05	.31	.18	.29	.22	.27	.49	.65	.40	.38	.00	.02	.02	.00	.00	6.72

(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 .50 MPH)

Table 2.7-80— SSES 197' (60m) 2001-2006 January JFD

SSES 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	27	94	129	71	58	69	69	68	79	60	43	16	12	3	8	14	0	820
(1)	.60	2.11	2.89	1.59	1.30	1.55	1.55	1.52	1.77	1.34	.96	.36	.27	.07	.18	.31	.00	18.37
(2)	.60	2.11	2.89	1.59	1.30	1.55	1.55	1.52	1.77	1.34	.96	.36	.27	.07	.18	.31	.00	18.37
4-7	132	210	115	44	31	27	47	35	95	143	203	66	51	42	31	41	0	1313
(1)	2.96	4.70	2.58	.99	.69	.60	1.05	.78	2.13	3.20	4.55	1.48	1.14	.94	.69	.92	.00	29.41
(2)	2.96	4.70	2.58	.99	.69	.60	1.05	.78	2.13	3.20	4.55	1.48	1.14	.94	.69	.92	.00	29.41
8-12	130	117	92	10	12	14	7	22	26	88	203	237	93	66	120	153	0	1390
(1)	2.91	2.62	2.06	.22	.27	.31	.16	.49	.58	1.97	4.55	5.31	2.08	1.48	2.69	3.43	.00	31.14
(2)	2.91	2.62	2.06	.22	.27	.31	.16	.49	.58	1.97	4.55	5.31	2.08	1.48	2.69	3.43	.00	31.14
13-18	27	30	22	0	0	3	4	6	5	33	87	353	79	42	73	64	0	828
(1)	.60	.67	.49	.00	.00	.07	.09	.13	.11	.74	1.95	7.91	1.77	.94	1.64	1.43	.00	18.55
(2)	.60	.67	.49	.00	.00	.07	.09	.13	.11	.74	1.95	7.91	1.77	.94	1.64	1.43	.00	18.55
19-24	2	1	0	0	0	1	1	1	2	4	5	46	22	3	4	12	0	104
(1)	.04	.02	.00	.00	.00	.02	.02	.02	.04	.09	.11	1.03	.49	.07	.09	.27	.00	2.33
(2)	.04	.02	.00	.00	.00	.02	.02	.02	.04	.09	.11	1.03	.49	.07	.09	.27	.00	2.33
GT 24	0	0	0	0	0	1	2	1	1	2	0	2	0	0	0	0	0	9
(1)	.00	.00	.00	.00	.00	.02	.04	.02	.02	.04	.00	.04	.00	.00	.00	.00	.00	.20
(2)	.00	.00	.00	.00	.00	.02	.04	.02	.02	.04	.00	.04	.00	.00	.00	.00	.00	.20
ALL SPEEDS	318	452	358	125	101	115	130	133	208	330	541	720	257	156	236	284	0	4464
(1)	7.12	10.13	8.02	2.80	2.26	2.58	2.91	2.98	4.66	7.39	12.12	16.13	5.76	3.49	5.29	6.36	.00	100.00
(2)	7.12	10.13	8.02	2.80	2.26	2.58	2.91	2.98	4.66	7.39	12.12	16.13	5.76	3.49	5.29	6.36	.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 .50 MPH)

Table 2.7-81— SSES 197' (60m) 2001-2006 February JFD

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS A — 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	0	0	0	1	0	1	0	0	1	1	0	1	0	0	0	0	0	5
(1)	.00	.00	.00	.65	.00	.65	.00	.00	.65	.65	.00	.65	.00	.00	.00	.00	.00	3.27
(2)	.00	.00	.00	.02	.00	.02	.00	.00	.02	.02	.00	.02	.00	.00	.00	.00	.00	.12
4-7	0	1	7	1	0	2	2	1	1	15	14	1	2	0	0	0	0	47
(1)	.00	.65	4.58	.65	.00	1.31	1.31	.65	.65	9.80	9.15	.65	1.31	.00	.00	.00	.00	30.72
(2)	.00	.02	.17	.02	.00	.05	.05	.02	.02	.37	.35	.02	.05	.00	.00	.00	.00	1.16
8-12	0	1	3	0	0	0	2	4	1	3	26	8	2	0	0	0	0	50
(1)	.00	.65	1.96	.00	.00	.00	1.31	2.61	.65	1.96	16.99	5.23	1.31	.00	.00	.00	.00	32.68
(2)	.00	.02	.07	.00	.00	.00	.05	.10	.02	.07	.64	.20	.05	.00	.00	.00	.00	1.23
13-18	0	2	0	0	0	0	0	0	3	4	19	15	2	1	0	0	0	46
(1)	.00	1.31	.00	.00	.00	.00	.00	.00	1.96	2.61	12.42	9.80	1.31	.65	.00	.00	.00	30.07
(2)	.00	.05	.00	.00	.00	.00	.00	.00	.07	.10	.47	.37	.05	.02	.00	.00	.00	1.13
19-24	0	0	0	0	0	0	0	0	0	1	0	4	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.65	.00	2.61	.00	.00	.00	.00	.00	3.27
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.10	.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	4	10	2	0	3	4	5	6	24	59	29	6	1	0	0	0	153
(1)	.00	2.61	6.54	1.31	.00	1.96	2.61	3.27	3.92	15.69	38.56	18.95	3.92	.65	.00	.00	.00	100.00
(2)	.00	.10	.25	.05	.00	.07	.10	.12	.15	.59	1.45	.71	.15	.02	.00	.00	.00	3.77

(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 .50 MPH)

Table 2.7-81— SSES 197' (60m) 2001-2006 February JFD

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 3.16

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	1	1	1	1	0	2	1	1	0	0	0	0	0	0	9
(1)	.00	.00	.78	.78	.78	.78	.78	.00	1.56	.78	.78	.00	.00	.00	.00	.00	.00	7.03
(2)	.00	.00	.02	.02	.02	.02	.02	.00	.05	.02	.02	.00	.00	.00	.00	.00	.00	.22
4-7	0	2	5	0	1	0	2	1	0	4	7	1	0	0	1	1	0	25
(1)	.00	1.56	3.91	.00	.78	.00	1.56	.78	.00	3.13	5.47	.78	.00	.00	.78	.78	.00	19.53
(2)	.00	.05	.12	.00	.02	.00	.05	.02	.00	.10	.17	.02	.00	.00	.02	.02	.00	.62
8-12	5	5	7	0	1	0	0	0	1	0	11	10	2	0	1	0	0	43
(1)	3.91	3.91	5.47	.00	.78	.00	.00	.00	.78	.00	8.59	7.81	1.56	.00	.78	.00	.00	33.59
(2)	.12	.12	.17	.00	.02	.00	.00	.00	.02	.00	.27	.25	.05	.00	.02	.00	.00	1.06
13-18	0	2	2	0	0	0	0	0	1	6	17	19	0	0	0	0	0	47
(1)	.00	1.56	1.56	.00	.00	.00	.00	.00	.78	4.69	13.28	14.84	.00	.00	.00	.00	.00	36.72
(2)	.00	.05	.05	.00	.00	.00	.00	.00	.02	.15	.42	.47	.00	.00	.00	.00	.00	1.16
19-24	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.56	.00	1.56	.00	.00	.00	.00	.00	3.13
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.05	.00	.00	.00	.00	.00	.10
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	9	15	1	3	1	3	1	4	13	36	32	2	0	2	1	0	128
(1)	3.91	7.03	11.72	.78	2.34	.78	2.34	.78	3.13	10.16	28.13	25.00	1.56	.00	1.56	.78	.00	100.00
(2)	.12	.22	.37	.02	.07	.02	.07	.02	.10	.32	.89	.79	.05	.00	.05	.02	.00	3.16

(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 .50 MPH)

Table 2.7-81— SSES 197' (60m) 2001-2006 February JFD

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 4.14

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	1	4	1	0	2	2	1	1	0	1	0	0	0	0	17
(1)	.00	.60	1.79	.60	2.38	.60	.00	1.19	1.19	.60	.60	.00	.60	.00	.00	.00	.00	10.12
(2)	.00	.02	.07	.02	.10	.02	.00	.05	.05	.02	.02	.00	.02	.00	.00	.00	.00	.42
4-7	1	5	3	7	3	0	3	0	3	4	10	4	1	1	0	0	0	45
(1)	.60	2.98	1.79	4.17	1.79	.00	1.79	.00	1.79	2.38	5.95	2.38	.60	.60	.00	.00	.00	26.79
(2)	.02	.12	.07	.17	.07	.00	.07	.00	.07	.10	.25	.10	.02	.02	.00	.00	.00	1.11
8-12	5	9	1	1	0	0	1	0	3	6	12	7	2	1	1	0	0	49
(1)	2.98	5.36	.60	.60	.00	.00	.60	.00	1.79	3.57	7.14	4.17	1.19	.60	.60	.00	.00	29.17
(2)	.12	.22	.02	.02	.00	.00	.02	.00	.07	.15	.30	.17	.05	.02	.02	.00	.00	1.21
13-18	1	0	3	0	0	0	0	0	1	2	10	18	7	1	2	3	0	48
(1)	.60	.00	1.79	.00	.00	.00	.00	.00	.60	1.19	5.95	10.71	4.17	.60	1.19	1.79	.00	28.57
(2)	.02	.00	.07	.00	.00	.00	.00	.00	.02	.05	.25	.44	.17	.02	.05	.07	.00	1.18
19-24	0	0	0	0	0	0	0	0	0	2	0	4	2	0	0	0	0	8
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.19	.00	2.38	1.19	.00	.00	.00	.00	4.76
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.10	.05	.00	.00	.00	.00	.20
GT 24	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	.60	.00	.00	.00	.00	.00	.60
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
ALL SPEEDS	7	15	10	9	7	1	4	2	9	15	33	34	13	3	3	3	0	168
(1)	4.17	8.93	5.95	5.36	4.17	.60	2.38	1.19	5.36	8.93	19.64	20.24	7.74	1.79	1.79	1.79	.00	100.00
(2)	.17	.37	.25	.22	.17	.02	.10	.05	.22	.37	.81	.84	.32	.07	.07	.07	.00	4.14

(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 .50 MPH)

Table 2.7-81— SSES 197' (60m) 2001-2006 February JFD

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 46.57

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	20	16	20	8	5	16	14	12	12	18	3	1	1	0	2	0	158
(1)	.53	1.06	.85	1.06	.42	.26	.85	.74	.64	.64	.95	.16	.05	.05	.00	.11	.00	8.36
(2)	.25	.49	.39	.49	.20	.12	.39	.35	.30	.30	.44	.07	.02	.02	.00	.05	.00	3.90
4-7	25	34	37	22	17	17	17	14	13	18	45	26	13	11	17	13	0	339
(1)	1.32	1.80	1.96	1.16	.90	.90	.90	.74	.69	.95	2.38	1.38	.69	.58	.90	.69	.00	17.95
(2)	.62	.84	.91	.54	.42	.42	.42	.35	.32	.44	1.11	.64	.32	.27	.42	.32	.00	8.36
8-12	47	54	33	6	7	6	14	25	16	18	41	68	75	53	130	91	0	684
(1)	2.49	2.86	1.75	.32	.37	.32	.74	1.32	.85	.95	2.17	3.60	3.97	2.81	6.88	4.82	.00	36.21
(2)	1.16	1.33	.81	.15	.17	.15	.35	.62	.39	.44	1.01	1.68	1.85	1.31	3.21	2.24	.00	16.86
13-18	9	15	5	2	2	1	4	3	14	19	44	142	77	58	98	78	0	571
(1)	.48	.79	.26	.11	.11	.05	.21	.16	.74	1.01	2.33	7.52	4.08	3.07	5.19	4.13	.00	30.23
(2)	.22	.37	.12	.05	.05	.02	.10	.07	.35	.47	1.08	3.50	1.90	1.43	2.42	1.92	.00	14.08
19-24	0	0	0	0	0	1	0	0	0	5	6	67	23	6	9	4	0	121
(1)	.00	.00	.00	.00	.00	.05	.00	.00	.00	.26	.32	3.55	1.22	.32	.48	.21	.00	6.41
(2)	.00	.00	.00	.00	.00	.02	.00	.00	.00	.12	.15	1.65	.57	.15	.22	.10	.00	2.98
GT 24	0	0	0	0	0	0	0	0	0	0	0	10	6	0	0	0	0	16
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.53	.32	.00	.00	.00	.00	.85
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.25	.15	.00	.00	.00	.00	.39
ALL SPEEDS	91	123	91	50	34	30	51	56	55	72	154	316	195	129	254	188	0	1889
(1)	4.82	6.51	4.82	2.65	1.80	1.59	2.70	2.96	2.91	3.81	8.15	16.73	10.32	6.83	13.45	9.95	.00	100.00
(2)	2.24	3.03	2.24	1.23	.84	.74	1.26	1.38	1.36	1.78	3.80	7.79	4.81	3.18	6.26	4.64	.00	46.57

(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 .50 MPH)

Table 2.7-81— SSES 197' (60m) 2001-2006 February JFD

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 26.38

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	21	36	20	17	13	12	15	15	24	21	10	2	2	1	4	0	224
(1)	1.03	1.96	3.36	1.87	1.59	1.21	1.12	1.40	1.40	2.24	1.96	.93	.19	.19	.09	.37	.00	20.93
(2)	.27	.52	.89	.49	.42	.32	.30	.37	.37	.59	.52	.25	.05	.05	.02	.10	.00	5.52
4-7	27	50	38	17	13	12	12	15	21	42	62	26	13	10	10	7	0	375
(1)	2.52	4.67	3.55	1.59	1.21	1.12	1.12	1.40	1.96	3.93	5.79	2.43	1.21	.93	.93	.65	.00	35.05
(2)	.67	1.23	.94	.42	.32	.30	.30	.37	.52	1.04	1.53	.64	.32	.25	.25	.17	.00	9.25
8-12	24	15	17	8	2	4	11	18	12	31	87	76	6	3	26	11	0	351
(1)	2.24	1.40	1.59	.75	.19	.37	1.03	1.68	1.12	2.90	8.13	7.10	.56	.28	2.43	1.03	.00	32.80
(2)	.59	.37	.42	.20	.05	.10	.27	.44	.30	.76	2.14	1.87	.15	.07	.64	.27	.00	8.65
13-18	0	7	0	1	1	1	1	1	2	20	14	48	4	0	4	1	0	105
(1)	.00	.65	.00	.09	.09	.09	.09	.09	.19	1.87	1.31	4.49	.37	.00	.37	.09	.00	9.81
(2)	.00	.17	.00	.02	.02	.02	.02	.02	.05	.49	.35	1.18	.10	.00	.10	.02	.00	2.59
19-24	0	0	0	0	0	0	3	1	2	5	0	3	0	0	0	0	0	14
(1)	.00	.00	.00	.00	.00	.00	.28	.09	.19	.47	.00	.28	.00	.00	.00	.00	.00	1.31
(2)	.00	.00	.00	.00	.00	.00	.07	.02	.05	.12	.00	.07	.00	.00	.00	.00	.00	.35
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	.09	.00	.00	.00	.00	.09
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.02
ALL SPEEDS	62	93	91	46	33	30	39	50	52	122	184	163	26	15	41	23	0	1070
(1)	5.79	8.69	8.50	4.30	3.08	2.80	3.64	4.67	4.86	11.40	17.20	15.23	2.43	1.40	3.83	2.15	.00	100.00
(2)	1.53	2.29	2.24	1.13	.81	.74	.96	1.23	1.28	3.01	4.54	4.02	.64	.37	1.01	.57	.00	26.38

(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 .50 MPH)

Table 2.7-81— SSES 197' (60m) 2001-2006 February JFD

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS F — CLASS FREQUENCY (PERCENT) = 9.54

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	5	31	26	13	16	12	9	13	11	4	1	0	0	1	0	0	0	142
(1)	1.29	8.01	6.72	3.36	4.13	3.10	2.33	3.36	2.84	1.03	.26	.00	.00	.26	.00	.00	.00	36.69
(2)	.12	.76	.64	.32	.39	.30	.22	.32	.27	.10	.02	.00	.00	.02	.00	.00	.00	3.50
4-7	24	71	27	2	3	2	4	6	17	17	21	2	0	2	1	3	0	202
(1)	6.20	18.35	6.98	.52	.78	.52	1.03	1.55	4.39	4.39	5.43	.52	.00	.52	.26	.78	.00	52.20
(2)	.59	1.75	.67	.05	.07	.05	.10	.15	.42	.42	.52	.05	.00	.05	.02	.07	.00	4.98
8-12	0	6	3	0	0	0	0	0	3	7	6	14	0	0	0	2	0	41
(1)	.00	1.55	.78	.00	.00	.00	.00	.00	.78	1.81	1.55	3.62	.00	.00	.00	.52	.00	10.59
(2)	.00	.15	.07	.00	.00	.00	.00	.00	.07	.17	.15	.35	.00	.00	.00	.05	.00	1.01
13-18	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
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	29	108	56	15	19	14	13	19	31	30	28	16	0	3	1	5	0	387
(1)	7.49	27.91	14.47	3.88	4.91	3.62	3.36	4.91	8.01	7.75	7.24	4.13	.00	.78	.26	1.29	.00	100.00
(2)	.71	2.66	1.38	.37	.47	.35	.32	.47	.76	.74	.69	.39	.00	.07	.02	.12	.00	9.54

(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 .50 MPH)

Table 2.7-81— SSES 197' (60m) 2001-2006 February JFD

SSES FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS G — CLASS FREQUENCY (PERCENT) = 6.43

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	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	18	19	16	12	13	5	7	6	4	3	0	1	0	1	1	0	112
(1)	2.30	6.90	7.28	6.13	4.60	4.98	1.92	2.68	2.30	1.53	1.15	.00	.38	.00	.38	.38	.00	42.91
(2)	.15	.44	.47	.39	.30	.32	.12	.17	.15	.10	.07	.00	.02	.00	.02	.02	.00	2.76
4-7	36	46	14	3	5	1	1	1	8	8	6	4	1	0	2	0	0	136
(1)	13.79	17.62	5.36	1.15	1.92	.38	.38	.38	3.07	3.07	2.30	1.53	.38	.00	.77	.00	.00	52.11
(2)	.89	1.13	.35	.07	.12	.02	.02	.02	.20	.20	.15	.10	.02	.00	.05	.00	.00	3.35
8-12	0	3	0	0	0	0	0	0	1	3	0	4	0	0	2	0	0	13
(1)	.00	1.15	.00	.00	.00	.00	.00	.00	.38	1.15	.00	1.53	.00	.00	.77	.00	.00	4.98
(2)	.00	.07	.00	.00	.00	.00	.00	.00	.02	.07	.00	.10	.00	.00	.05	.00	.00	.32
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	42	67	33	19	17	14	6	8	15	15	9	8	2	0	5	1	0	261
(1)	16.09	25.67	12.64	7.28	6.51	5.36	2.30	3.07	5.75	5.75	3.45	3.07	.77	.00	1.92	.38	.00	100.00
(2)	1.04	1.65	.81	.47	.42	.35	.15	.20	.37	.37	.22	.20	.05	.00	.12	.02	.00	6.43

(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 .50 MPH)

Table 2.7-81— SSES 197' (60m) 2001-2006 February JFD

SSES 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	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	32	91	101	72	58	46	43	51	49	47	45	14	5	4	2	7	0	667
(1)	.79	2.24	2.49	1.78	1.43	1.13	1.06	1.26	1.21	1.16	1.11	.35	.12	.10	.05	.17	.00	16.44
(2)	.79	2.24	2.49	1.78	1.43	1.13	1.06	1.26	1.21	1.16	1.11	.35	.12	.10	.05	.17	.00	16.44
4-7	113	209	131	52	42	34	41	38	63	108	165	64	30	24	31	24	0	1169
(1)	2.79	5.15	3.23	1.28	1.04	.84	1.01	.94	1.55	2.66	4.07	1.58	.74	.59	.76	.59	.00	28.82
(2)	2.79	5.15	3.23	1.28	1.04	.84	1.01	.94	1.55	2.66	4.07	1.58	.74	.59	.76	.59	.00	28.82
8-12	81	93	64	15	10	10	28	47	37	68	183	187	87	57	160	104	0	1231
(1)	2.00	2.29	1.58	.37	.25	.25	.69	1.16	.91	1.68	4.51	4.61	2.14	1.41	3.94	2.56	.00	30.35
(2)	2.00	2.29	1.58	.37	.25	.25	.69	1.16	.91	1.68	4.51	4.61	2.14	1.41	3.94	2.56	.00	30.35
13-18	10	26	10	3	3	2	5	4	21	52	104	242	90	60	104	82	0	818
(1)	.25	.64	.25	.07	.07	.05	.12	.10	.52	1.28	2.56	5.97	2.22	1.48	2.56	2.02	.00	20.17
(2)	.25	.64	.25	.07	.07	.05	.12	.10	.52	1.28	2.56	5.97	2.22	1.48	2.56	2.02	.00	20.17
19-24	0	0	0	0	0	1	3	1	2	16	6	80	25	6	9	4	0	153
(1)	.00	.00	.00	.00	.00	.02	.07	.02	.05	.39	.15	1.97	.62	.15	.22	.10	.00	3.77
(2)	.00	.00	.00	.00	.00	.02	.07	.02	.05	.39	.15	1.97	.62	.15	.22	.10	.00	3.77
GT 24	0	0	0	0	0	0	0	0	0	0	0	11	7	0	0	0	0	18
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.27	.17	.00	.00	.00	.00	.44
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.27	.17	.00	.00	.00	.00	.44
ALL SPEEDS	236	419	306	142	113	93	120	141	172	291	503	598	244	151	306	221	0	4056
(1)	5.82	10.33	7.54	3.50	2.79	2.29	2.96	3.48	4.24	7.17	12.40	14.74	6.02	3.72	7.54	5.45	.00	100.00
(2)	5.82	10.33	7.54	3.50	2.79	2.29	2.96	3.48	4.24	7.17	12.40	14.74	6.02	3.72	7.54	5.45	.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 .50 MPH)

Table 2.7-82— SSES 197' (60m) 2001-2006 March JFD

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 5.69

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	1	0	0	3	2	1	2	1	6	0	1	0	0	0	0	17
(1)	.00	.00	.39	.00	.00	1.18	.79	.39	.79	.39	2.36	.00	.39	.00	.00	.00	.00	6.69
(2)	.00	.00	.02	.00	.00	.07	.04	.02	.04	.02	.13	.00	.02	.00	.00	.00	.00	.38
4-7	0	2	5	1	1	0	3	3	4	14	17	12	0	0	2	1	0	65
(1)	.00	.79	1.97	.39	.39	.00	1.18	1.18	1.57	5.51	6.69	4.72	.00	.00	.79	.39	.00	25.59
(2)	.00	.04	.11	.02	.02	.00	.07	.07	.09	.31	.38	.27	.00	.00	.04	.02	.00	1.46
8-12	0	4	3	1	0	1	13	3	4	12	15	21	5	3	2	1	0	88
(1)	.00	1.57	1.18	.39	.00	.39	5.12	1.18	1.57	4.72	5.91	8.27	1.97	1.18	.79	.39	.00	34.65
(2)	.00	.09	.07	.02	.00	.02	.29	.07	.09	.27	.34	.47	.11	.07	.04	.02	.00	1.97
13-18	0	0	1	0	0	0	2	2	6	20	20	18	3	0	2	1	0	75
(1)	.00	.00	.39	.00	.00	.00	.79	.79	2.36	7.87	7.87	7.09	1.18	.00	.79	.39	.00	29.53
(2)	.00	.00	.02	.00	.00	.00	.04	.04	.13	.45	.45	.40	.07	.00	.04	.02	.00	1.68
19-24	0	0	0	0	0	0	0	0	0	4	2	2	0	0	0	0	0	8
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.57	.79	.79	.00	.00	.00	.00	.00	3.15
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.04	.04	.00	.00	.00	.00	.00	.18
GT 24	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	.39	.00	.00	.00	.00	.00	.00	.39
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.02
ALL SPEEDS	0	6	10	2	1	4	20	9	16	51	61	53	9	3	6	3	0	254
(1)	.00	2.36	3.94	.79	.39	1.57	7.87	3.54	6.30	20.08	24.02	20.87	3.54	1.18	2.36	1.18	.00	100.00
(2)	.00	.13	.22	.04	.02	.09	.45	.20	.36	1.14	1.37	1.19	.20	.07	.13	.07	.00	5.69

(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 .50 MPH)

Table 2.7-82— SSES 197' (60m) 2001-2006 March JFD

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 3.23

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	2	0	1	2	2	1	0	0	0	0	0	0	11
(1)	.00	.69	.00	.00	1.39	1.39	.00	.69	1.39	1.39	.69	.00	.00	.00	.00	.00	.00	7.64
(2)	.00	.02	.00	.00	.04	.04	.00	.02	.04	.04	.02	.00	.00	.00	.00	.00	.00	.25
4-7	2	1	4	1	1	1	0	4	0	3	2	1	1	1	1	0	0	23
(1)	1.39	.69	2.78	.69	.69	.69	.00	2.78	.00	2.08	1.39	.69	.69	.69	.69	.00	.00	15.97
(2)	.04	.02	.09	.02	.02	.02	.00	.09	.00	.07	.04	.02	.02	.02	.02	.00	.00	.52
8-12	3	0	2	0	2	1	3	4	6	4	10	6	2	4	4	6	0	57
(1)	2.08	.00	1.39	.00	1.39	.69	2.08	2.78	4.17	2.78	6.94	4.17	1.39	2.78	2.78	4.17	.00	39.58
(2)	.07	.00	.04	.00	.04	.02	.07	.09	.13	.09	.22	.13	.04	.09	.09	.13	.00	1.28
13-18	0	0	0	0	0	0	1	0	2	4	10	17	6	0	3	2	0	45
(1)	.00	.00	.00	.00	.00	.00	.69	.00	1.39	2.78	6.94	11.81	4.17	.00	2.08	1.39	.00	31.25
(2)	.00	.00	.00	.00	.00	.00	.02	.00	.04	.09	.22	.38	.13	.00	.07	.04	.00	1.01
19-24	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.69	2.08	.00	.00	.00	.00	.00	2.78
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.07	.00	.00	.00	.00	.00	.09
GT 24	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.78	.00	.00	.00	.00	.00	.00	2.78
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00	.00	.09
ALL SPEEDS	5	2	6	1	5	4	4	9	10	13	28	27	9	5	8	8	0	144
(1)	3.47	1.39	4.17	.69	3.47	2.78	2.78	6.25	6.94	9.03	19.44	18.75	6.25	3.47	5.56	5.56	.00	100.00
(2)	.11	.04	.13	.02	.11	.09	.09	.20	.22	.29	.63	.60	.20	.11	.18	.18	.00	3.23

(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 .50 MPH)

Table 2.7-82— SSES 197' (60m) 2001-2006 March JFD

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 3.92

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	0	0	3	2	0	0	1	1	4	1	0	1	0	0	0	0	13
(1)	.00	.00	.00	1.71	1.14	.00	.00	.57	.57	2.29	.57	.00	.57	.00	.00	.00	.00	7.43
(2)	.00	.00	.00	.07	.04	.00	.00	.02	.02	.09	.02	.00	.02	.00	.00	.00	.00	.29
4-7	3	4	5	2	0	0	0	1	0	6	5	5	0	0	0	0	0	31
(1)	1.71	2.29	2.86	1.14	.00	.00	.00	.57	.00	3.43	2.86	2.86	.00	.00	.00	.00	.00	17.71
(2)	.07	.09	.11	.04	.00	.00	.00	.02	.00	.13	.11	.11	.00	.00	.00	.00	.00	.69
8-12	7	6	3	0	1	0	5	1	2	1	5	22	8	1	7	5	0	74
(1)	4.00	3.43	1.71	.00	.57	.00	2.86	.57	1.14	.57	2.86	12.57	4.57	.57	4.00	2.86	.00	42.29
(2)	.16	.13	.07	.00	.02	.00	.11	.02	.04	.02	.11	.49	.18	.02	.16	.11	.00	1.66
13-18	1	0	0	0	0	0	1	1	4	3	2	14	5	2	8	5	0	46
(1)	.57	.00	.00	.00	.00	.00	.57	.57	2.29	1.71	1.14	8.00	2.86	1.14	4.57	2.86	.00	26.29
(2)	.02	.00	.00	.00	.00	.00	.02	.02	.09	.07	.04	.31	.11	.04	.18	.11	.00	1.03
19-24	0	0	0	0	0	0	0	0	0	0	1	6	1	0	0	1	0	9
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.57	3.43	.57	.00	.00	.57	.00	5.14
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.13	.02	.00	.00	.02	.00	.20
GT 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	1.14	.00	.00	.00	.00	.00	1.14
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.00	.00	.00	.00	.00	.04
ALL SPEEDS	11	10	8	5	3	0	6	4	7	14	14	49	15	3	15	11	0	175
(1)	6.29	5.71	4.57	2.86	1.71	.00	3.43	2.29	4.00	8.00	8.00	28.00	8.57	1.71	8.57	6.29	.00	100.00
(2)	.25	.22	.18	.11	.07	.00	.13	.09	.16	.31	.31	1.10	.34	.07	.34	.25	.00	3.92

(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 .50 MPH)

Table 2.7-82— SSES 197' (60m) 2001-2006 March JFD

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 46.53

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	20	15	11	11	9	11	8	11	14	10	4	1	3	2	5	0	145
(1)	.48	.96	.72	.53	.53	.43	.53	.39	.53	.67	.48	.19	.05	.14	.10	.24	.00	6.98
(2)	.22	.45	.34	.25	.25	.20	.25	.18	.25	.31	.22	.09	.02	.07	.04	.11	.00	3.25
4-7	35	40	46	29	22	24	18	20	14	22	59	49	24	34	35	27	0	498
(1)	1.69	1.93	2.21	1.40	1.06	1.16	.87	.96	.67	1.06	2.84	2.36	1.16	1.64	1.69	1.30	.00	23.98
(2)	.78	.90	1.03	.65	.49	.54	.40	.45	.31	.49	1.32	1.10	.54	.76	.78	.60	.00	11.16
8-12	85	70	52	13	17	16	33	29	12	15	33	68	66	88	121	101	0	819
(1)	4.09	3.37	2.50	.63	.82	.77	1.59	1.40	.58	.72	1.59	3.27	3.18	4.24	5.83	4.86	.00	39.43
(2)	1.90	1.57	1.16	.29	.38	.36	.74	.65	.27	.34	.74	1.52	1.48	1.97	2.71	2.26	.00	18.35
13-18	13	22	20	6	0	5	7	20	23	15	11	84	87	73	73	47	0	506
(1)	.63	1.06	.96	.29	.00	.24	.34	.96	1.11	.72	.53	4.04	4.19	3.51	3.51	2.26	.00	24.36
(2)	.29	.49	.45	.13	.00	.11	.16	.45	.52	.34	.25	1.88	1.95	1.64	1.64	1.05	.00	11.34
19-24	0	5	1	0	0	2	0	1	3	6	1	22	41	7	2	2	0	93
(1)	.00	.24	.05	.00	.00	.10	.00	.05	.14	.29	.05	1.06	1.97	.34	.10	.10	.00	4.48
(2)	.00	.11	.02	.00	.00	.04	.00	.02	.07	.13	.02	.49	.92	.16	.04	.04	.00	2.08
GT 24	0	0	0	0	0	0	0	0	0	1	2	5	8	0	0	0	0	16
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.10	.24	.39	.00	.00	.00	.00	.77
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.04	.11	.18	.00	.00	.00	.00	.36
ALL SPEEDS	143	157	134	59	50	56	69	78	63	73	116	232	227	205	233	182	0	2077
(1)	6.88	7.56	6.45	2.84	2.41	2.70	3.32	3.76	3.03	3.51	5.58	11.17	10.93	9.87	11.22	8.76	.00	100.00
(2)	3.20	3.52	3.00	1.32	1.12	1.25	1.55	1.75	1.41	1.64	2.60	5.20	5.09	4.59	5.22	4.08	.00	46.53

(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 .50 MPH)

Table 2.7-82— SSES 197' (60m) 2001-2006 March JFD

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 23.77

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	13	28	29	17	15	10	26	19	23	15	25	18	8	1	5	6	0	258
(1)	1.23	2.64	2.73	1.60	1.41	.94	2.45	1.79	2.17	1.41	2.36	1.70	.75	.09	.47	.57	.00	24.32
(2)	.29	.63	.65	.38	.34	.22	.58	.43	.52	.34	.56	.40	.18	.02	.11	.13	.00	5.78
4-7	37	60	26	14	18	10	12	20	23	27	50	47	24	16	10	13	0	407
(1)	3.49	5.66	2.45	1.32	1.70	.94	1.13	1.89	2.17	2.54	4.71	4.43	2.26	1.51	.94	1.23	.00	38.36
(2)	.83	1.34	.58	.31	.40	.22	.27	.45	.52	.60	1.12	1.05	.54	.36	.22	.29	.00	9.12
8-12	18	51	30	6	3	7	6	14	12	24	25	45	21	5	17	9	0	293
(1)	1.70	4.81	2.83	.57	.28	.66	.57	1.32	1.13	2.26	2.36	4.24	1.98	.47	1.60	.85	.00	27.62
(2)	.40	1.14	.67	.13	.07	.16	.13	.31	.27	.54	.56	1.01	.47	.11	.38	.20	.00	6.56
13-18	6	14	9	0	1	3	2	2	11	13	7	18	2	5	0	1	0	94
(1)	.57	1.32	.85	.00	.09	.28	.19	.19	1.04	1.23	.66	1.70	.19	.47	.00	.09	.00	8.86
(2)	.13	.31	.20	.00	.02	.07	.04	.04	.25	.29	.16	.40	.04	.11	.00	.02	.00	2.11
19-24	0	0	0	0	0	0	1	0	1	2	1	0	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.09	.00	.09	.19	.09	.00	.00	.00	.00	.00	.00	.47
(2)	.00	.00	.00	.00	.00	.00	.02	.00	.02	.04	.02	.00	.00	.00	.00	.00	.00	.11
GT 24	0	0	0	0	0	0	0	0	3	0	1	0	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.28	.00	.09	.00	.00	.00	.00	.00	.00	.38
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.07	.00	.02	.00	.00	.00	.00	.00	.00	.09
ALL SPEEDS	74	153	94	37	37	30	47	55	73	81	109	128	55	27	32	29	0	1061
(1)	6.97	14.42	8.86	3.49	3.49	2.83	4.43	5.18	6.88	7.63	10.27	12.06	5.18	2.54	3.02	2.73	.00	100.00
(2)	1.66	3.43	2.11	.83	.83	.67	1.05	1.23	1.64	1.81	2.44	2.87	1.23	.60	.72	.65	.00	23.77

(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 .50 MPH)

Table 2.7-82— SSES 197' (60m) 2001-2006 March JFD

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 9.12

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	19	43	30	14	15	6	14	7	10	8	11	2	3	2	1	1	0	186
(1)	4.67	10.57	7.37	3.44	3.69	1.47	3.44	1.72	2.46	1.97	2.70	.49	.74	.49	.25	.25	.00	45.70
(2)	.43	.96	.67	.31	.34	.13	.31	.16	.22	.18	.25	.04	.07	.04	.02	.02	.00	4.17
4-7	22	52	29	5	3	3	8	4	2	15	21	7	3	1	5	0	0	180
(1)	5.41	12.78	7.13	1.23	.74	.74	1.97	.98	.49	3.69	5.16	1.72	.74	.25	1.23	.00	.00	44.23
(2)	.49	1.16	.65	.11	.07	.07	.18	.09	.04	.34	.47	.16	.07	.02	.11	.00	.00	4.03
8-12	3	2	4	0	0	0	2	0	0	2	3	17	2	0	1	0	0	36
(1)	.74	.49	.98	.00	.00	.00	.49	.00	.00	.49	.74	4.18	.49	.00	.25	.00	.00	8.85
(2)	.07	.04	.09	.00	.00	.00	.04	.00	.00	.04	.07	.38	.04	.00	.02	.00	.00	.81
13-18	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.25	.98	.00	.00	.00	.00	.00	1.23
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.09	.00	.00	.00	.00	.00	.11
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	97	63	19	18	9	24	11	12	25	36	30	8	3	7	1	0	407
(1)	10.81	23.83	15.48	4.67	4.42	2.21	5.90	2.70	2.95	6.14	8.85	7.37	1.97	.74	1.72	.25	.00	100.00
(2)	.99	2.17	1.41	.43	.40	.20	.54	.25	.27	.56	.81	.67	.18	.07	.16	.02	.00	9.12

(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 .50 MPH)

Table 2.7-82— SSES 197' (60m) 2001-2006 March JFD

SSES MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 7.75

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	7	22	29	15	13	12	6	9	7	6	3	1	1	1	1	4	0	137
(1)	2.02	6.36	8.38	4.34	3.76	3.47	1.73	2.60	2.02	1.73	.87	.29	.29	.29	.29	1.16	.00	39.60
(2)	.16	.49	.65	.34	.29	.27	.13	.20	.16	.13	.07	.02	.02	.02	.02	.09	.00	3.07
4-7	47	68	26	8	1	0	6	0	8	13	10	2	0	0	2	1	0	192
(1)	13.58	19.65	7.51	2.31	.29	.00	1.73	.00	2.31	3.76	2.89	.58	.00	.00	.58	.29	.00	55.49
(2)	1.05	1.52	.58	.18	.02	.00	.13	.00	.18	.29	.22	.04	.00	.00	.04	.02	.00	4.30
8-12	3	2	0	0	0	0	1	2	1	4	1	3	0	0	0	0	0	17
(1)	.87	.58	.00	.00	.00	.00	.29	.58	.29	1.16	.29	.87	.00	.00	.00	.00	.00	4.91
(2)	.07	.04	.00	.00	.00	.00	.02	.04	.02	.09	.02	.07	.00	.00	.00	.00	.00	.38
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	57	92	55	23	14	12	13	11	16	23	14	6	1	1	3	5	0	346
(1)	16.47	26.59	15.90	6.65	4.05	3.47	3.76	3.18	4.62	6.65	4.05	1.73	.29	.29	.87	1.45	.00	100.00
(2)	1.28	2.06	1.23	.52	.31	.27	.29	.25	.36	.52	.31	.13	.02	.02	.07	.11	.00	7.75

(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 .50 MPH)

Table 2.7-82— SSES 197' (60m) 2001-2006 March JFD

SSES 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	49	114	104	60	58	42	59	46	56	50	57	25	15	7	9	16	0	767
(1)	1.10	2.55	2.33	1.34	1.30	.94	1.32	1.03	1.25	1.12	1.28	.56	.34	.16	.20	.36	.00	17.18
(2)	1.10	2.55	2.33	1.34	1.30	.94	1.32	1.03	1.25	1.12	1.28	.56	.34	.16	.20	.36	.00	17.18
4-7	146	227	141	60	46	38	47	52	51	100	164	123	52	52	55	42	0	1396
(1)	3.27	5.09	3.16	1.34	1.03	.85	1.05	1.16	1.14	2.24	3.67	2.76	1.16	1.16	1.23	.94	.00	31.27
(2)	3.27	5.09	3.16	1.34	1.03	.85	1.05	1.16	1.14	2.24	3.67	2.76	1.16	1.16	1.23	.94	.00	31.27
8-12	119	135	94	20	23	25	63	53	37	62	92	182	104	101	152	122	0	1384
(1)	2.67	3.02	2.11	.45	.52	.56	1.41	1.19	.83	1.39	2.06	4.08	2.33	2.26	3.41	2.73	.00	31.00
(2)	2.67	3.02	2.11	.45	.52	.56	1.41	1.19	.83	1.39	2.06	4.08	2.33	2.26	3.41	2.73	.00	31.00
13-18	20	36	30	6	1	8	13	25	46	55	51	155	103	80	86	56	0	771
(1)	.45	.81	.67	.13	.02	.18	.29	.56	1.03	1.23	1.14	3.47	2.31	1.79	1.93	1.25	.00	17.27
(2)	.45	.81	.67	.13	.02	.18	.29	.56	1.03	1.23	1.14	3.47	2.31	1.79	1.93	1.25	.00	17.27
19-24	0	5	1	0	0	2	1	1	4	12	6	33	42	7	2	3	0	119
(1)	.00	.11	.02	.00	.00	.04	.02	.02	.09	.27	.13	.74	.94	.16	.04	.07	.00	2.67
(2)	.00	.11	.02	.00	.00	.04	.02	.02	.09	.27	.13	.74	.94	.16	.04	.07	.00	2.67
GT 24	0	0	0	0	0	0	0	0	3	1	8	7	8	0	0	0	0	27
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.07	.02	.18	.16	.18	.00	.00	.00	.00	.60
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.07	.02	.18	.16	.18	.00	.00	.00	.00	.60
ALL SPEEDS	334	517	370	146	128	115	183	177	197	280	378	525	324	247	304	239	0	4464
(1)	7.48	11.58	8.29	3.27	2.87	2.58	4.10	3.97	4.41	6.27	8.47	11.76	7.26	5.53	6.81	5.35	.00	100.00
(2)	7.48	11.58	8.29	3.27	2.87	2.58	4.10	3.97	4.41	6.27	8.47	11.76	7.26	5.53	6.81	5.35	.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 .50 MPH)

Table 2.7-83— SSES 197' (60m) 2001-2006 April JFD

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) = 8.78

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	0	1	4	1	3	1	0	1	2	1	2	0	0	0	0	0	16
(1)	.00	.00	.26	1.06	.26	.79	.26	.00	.26	.53	.26	.53	.00	.00	.00	.00	.00	4.23
(2)	.00	.00	.02	.09	.02	.07	.02	.00	.02	.05	.02	.05	.00	.00	.00	.00	.00	.37
4-7	1	3	4	5	5	4	3	4	10	19	24	8	0	1	0	1	0	92
(1)	.26	.79	1.06	1.32	1.32	1.06	.79	1.06	2.65	5.03	6.35	2.12	.00	.26	.00	.26	.00	24.34
(2)	.02	.07	.09	.12	.12	.09	.07	.09	.23	.44	.56	.19	.00	.02	.00	.02	.00	2.14
8-12	11	37	9	0	0	0	2	3	6	22	39	14	2	4	1	3	0	153
(1)	2.91	9.79	2.38	.00	.00	.00	.53	.79	1.59	5.82	10.32	3.70	.53	1.06	.26	.79	.00	40.48
(2)	.26	.86	.21	.00	.00	.00	.05	.07	.14	.51	.91	.33	.05	.09	.02	.07	.00	3.55
13-18	3	14	1	0	0	1	7	3	4	10	29	28	2	1	2	4	0	109
(1)	.79	3.70	.26	.00	.00	.26	1.85	.79	1.06	2.65	7.67	7.41	.53	.26	.53	1.06	.00	28.84
(2)	.07	.33	.02	.00	.00	.02	.16	.07	.09	.23	.67	.65	.05	.02	.05	.09	.00	2.53
19-24	0	0	0	0	0	0	0	1	2	1	2	1	0	0	0	0	0	7
(1)	.00	.00	.00	.00	.00	.00	.00	.26	.53	.26	.53	.26	.00	.00	.00	.00	.00	1.85
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.05	.02	.05	.02	.00	.00	.00	.00	.00	.16
GT 24	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	.26	.00	.00	.00	.00	.00	.26
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
ALL SPEEDS	15	54	15	9	6	8	13	11	23	54	95	54	4	6	3	8	0	378
(1)	3.97	14.29	3.97	2.38	1.59	2.12	3.44	2.91	6.08	14.29	25.13	14.29	1.06	1.59	.79	2.12	.00	100.00
(2)	.35	1.25	.35	.21	.14	.19	.30	.26	.53	1.25	2.21	1.25	.09	.14	.07	.19	.00	8.78

(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 .50 MPH)

Table 2.7-83— SSES 197' (60m) 2001-2006 April JFD

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 3.65

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	0	0	2	0	1	0	2	0	1	2	0	0	0	0	0	0	0	8
(1)	.00	.00	1.27	.00	.64	.00	1.27	.00	.64	1.27	.00	.00	.00	.00	.00	.00	.00	5.10
(2)	.00	.00	.05	.00	.02	.00	.05	.00	.02	.05	.00	.00	.00	.00	.00	.00	.00	.19
4-7	2	1	5	0	1	4	2	1	1	5	2	2	0	0	0	0	0	26
(1)	1.27	.64	3.18	.00	.64	2.55	1.27	.64	.64	3.18	1.27	1.27	.00	.00	.00	.00	.00	16.56
(2)	.05	.02	.12	.00	.02	.09	.05	.02	.02	.12	.05	.05	.00	.00	.00	.00	.00	.60
8-12	3	15	4	1	1	0	1	0	1	4	12	6	0	5	3	3	0	59
(1)	1.91	9.55	2.55	.64	.64	.00	.64	.00	.64	2.55	7.64	3.82	.00	3.18	1.91	1.91	.00	37.58
(2)	.07	.35	.09	.02	.02	.00	.02	.00	.02	.09	.28	.14	.00	.12	.07	.07	.00	1.37
13-18	5	6	1	0	1	1	3	1	3	0	5	14	3	1	6	6	0	56
(1)	3.18	3.82	.64	.00	.64	.64	1.91	.64	1.91	.00	3.18	8.92	1.91	.64	3.82	3.82	.00	35.67
(2)	.12	.14	.02	.00	.02	.02	.07	.02	.07	.00	.12	.33	.07	.02	.14	.14	.00	1.30
19-24	0	0	0	0	0	0	0	0	1	0	0	4	0	0	2	0	0	7
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.64	.00	.00	2.55	.00	.00	1.27	.00	.00	4.46
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.09	.00	.00	.05	.00	.00	.16
GT 24	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	.64	.00	.00	.00	.00	.00	.00	.64
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.02
ALL SPEEDS	10	22	12	1	4	5	8	2	7	11	20	26	3	6	11	9	0	157
(1)	6.37	14.01	7.64	.64	2.55	3.18	5.10	1.27	4.46	7.01	12.74	16.56	1.91	3.82	7.01	5.73	.00	100.00
(2)	.23	.51	.28	.02	.09	.12	.19	.05	.16	.26	.46	.60	.07	.14	.26	.21	.00	3.65

(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 .50 MPH)

Table 2.7-83— SSES 197' (60m) 2001-2006 April JFD

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 4.97

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	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	3	1	0	1	0	1	2	0	0	0	0	0	0	0	10
(1)	.00	.47	.47	1.40	.47	.00	.47	.00	.47	.93	.00	.00	.00	.00	.00	.00	.00	4.67
(2)	.00	.02	.02	.07	.02	.00	.02	.00	.02	.05	.00	.00	.00	.00	.00	.00	.00	.23
4-7	2	5	5	3	4	2	4	1	6	4	6	4	1	0	0	1	0	48
(1)	.93	2.34	2.34	1.40	1.87	.93	1.87	.47	2.80	1.87	2.80	1.87	.47	.00	.00	.47	.00	22.43
(2)	.05	.12	.12	.07	.09	.05	.09	.02	.14	.09	.14	.09	.02	.00	.00	.02	.00	1.11
8-12	13	20	4	1	0	1	1	1	1	4	6	12	2	3	2	2	0	73
(1)	6.07	9.35	1.87	.47	.00	.47	.47	.47	.47	1.87	2.80	5.61	.93	1.40	.93	.93	.00	34.11
(2)	.30	.46	.09	.02	.00	.02	.02	.02	.02	.09	.14	.28	.05	.07	.05	.05	.00	1.70
13-18	9	5	0	0	0	2	0	2	4	5	5	17	8	3	5	4	0	69
(1)	4.21	2.34	.00	.00	.00	.93	.00	.93	1.87	2.34	2.34	7.94	3.74	1.40	2.34	1.87	.00	32.24
(2)	.21	.12	.00	.00	.00	.05	.00	.05	.09	.12	.12	.39	.19	.07	.12	.09	.00	1.60
19-24	0	1	0	0	0	0	2	0	0	1	3	4	2	0	0	0	0	13
(1)	.00	.47	.00	.00	.00	.00	.93	.00	.00	.47	1.40	1.87	.93	.00	.00	.00	.00	6.07
(2)	.00	.02	.00	.00	.00	.00	.05	.00	.00	.02	.07	.09	.05	.00	.00	.00	.00	.30
GT 24	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	.47	.00	.00	.00	.00	.00	.47
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
ALL SPEEDS	24	32	10	7	5	5	8	4	12	16	20	38	13	6	7	7	0	214
(1)	11.21	14.95	4.67	3.27	2.34	2.34	3.74	1.87	5.61	7.48	9.35	17.76	6.07	2.80	3.27	3.27	.00	100.00
(2)	.56	.74	.23	.16	.12	.12	.19	.09	.28	.37	.46	.88	.30	.14	.16	.16	.00	4.97

(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 .50 MPH)

Table 2.7-83— SSES 197' (60m) 2001-2006 April JFD

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 40.95

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	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	8	20	15	11	10	9	11	6	6	6	5	1	1	0	5	0	118
(1)	.23	.45	1.13	.85	.62	.57	.51	.62	.34	.34	.34	.28	.06	.06	.00	.28	.00	6.69
(2)	.09	.19	.46	.35	.26	.23	.21	.26	.14	.14	.14	.12	.02	.02	.00	.12	.00	2.74
4-7	23	52	54	16	15	19	26	20	21	25	38	29	17	11	19	8	0	393
(1)	1.30	2.95	3.06	.91	.85	1.08	1.47	1.13	1.19	1.42	2.16	1.64	.96	.62	1.08	.45	.00	22.29
(2)	.53	1.21	1.25	.37	.35	.44	.60	.46	.49	.58	.88	.67	.39	.26	.44	.19	.00	9.13
8-12	100	112	67	25	18	38	38	24	28	20	54	40	41	51	65	75	0	796
(1)	5.67	6.35	3.80	1.42	1.02	2.16	2.16	1.36	1.59	1.13	3.06	2.27	2.33	2.89	3.69	4.25	.00	45.15
(2)	2.32	2.60	1.56	.58	.42	.88	.88	.56	.65	.46	1.25	.93	.95	1.18	1.51	1.74	.00	18.49
13-18	36	47	18	2	2	14	14	6	16	10	30	44	48	36	50	26	0	399
(1)	2.04	2.67	1.02	.11	.11	.79	.79	.34	.91	.57	1.70	2.50	2.72	2.04	2.84	1.47	.00	22.63
(2)	.84	1.09	.42	.05	.05	.33	.33	.14	.37	.23	.70	1.02	1.11	.84	1.16	.60	.00	9.27
19-24	2	4	2	0	0	0	2	2	2	0	4	25	8	2	3	0	0	56
(1)	.11	.23	.11	.00	.00	.00	.11	.11	.11	.00	.23	1.42	.45	.11	.17	.00	.00	3.18
(2)	.05	.09	.05	.00	.00	.00	.05	.05	.05	.00	.09	.58	.19	.05	.07	.00	.00	1.30
GT 24	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	.06	.00	.00	.00	.00	.00	.06
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
ALL SPEEDS	165	223	161	58	46	81	89	63	73	61	132	144	115	101	137	114	0	1763
(1)	9.36	12.65	9.13	3.29	2.61	4.59	5.05	3.57	4.14	3.46	7.49	8.17	6.52	5.73	7.77	6.47	.00	100.00
(2)	3.83	5.18	3.74	1.35	1.07	1.88	2.07	1.46	1.70	1.42	3.07	3.34	2.67	2.35	3.18	2.65	.00	40.95

(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 .50 MPH)

Table 2.7-83— SSES 197' (60m) 2001-2006 April JFD

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 24.79

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	20	36	47	25	10	7	8	16	19	20	20	4	5	3	3	5	0	248
(1)	1.87	3.37	4.40	2.34	.94	.66	.75	1.50	1.78	1.87	1.87	.37	.47	.28	.28	.47	.00	23.24
(2)	.46	.84	1.09	.58	.23	.16	.19	.37	.44	.46	.46	.09	.12	.07	.07	.12	.00	5.76
4-7	42	53	53	29	10	10	19	19	18	19	34	21	17	13	6	8	0	371
(1)	3.94	4.97	4.97	2.72	.94	.94	1.78	1.78	1.69	1.78	3.19	1.97	1.59	1.22	.56	.75	.00	34.77
(2)	.98	1.23	1.23	.67	.23	.23	.44	.44	.42	.44	.79	.49	.39	.30	.14	.19	.00	8.62
8-12	19	53	47	18	7	10	12	15	18	44	25	44	3	2	4	18	0	339
(1)	1.78	4.97	4.40	1.69	.66	.94	1.12	1.41	1.69	4.12	2.34	4.12	.28	.19	.37	1.69	.00	31.77
(2)	.44	1.23	1.09	.42	.16	.23	.28	.35	.42	1.02	.58	1.02	.07	.05	.09	.42	.00	7.87
13-18	1	14	8	1	5	3	1	1	13	20	16	17	2	1	2	0	0	105
(1)	.09	1.31	.75	.09	.47	.28	.09	.09	1.22	1.87	1.50	1.59	.19	.09	.19	.00	.00	9.84
(2)	.02	.33	.19	.02	.12	.07	.02	.02	.30	.46	.37	.39	.05	.02	.05	.00	.00	2.44
19-24	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.19	.19	.00	.00	.00	.00	.00	.37
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.05	.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	82	156	155	73	32	30	40	51	68	103	97	88	27	19	15	31	0	1067
(1)	7.69	14.62	14.53	6.84	3.00	2.81	3.75	4.78	6.37	9.65	9.09	8.25	2.53	1.78	1.41	2.91	.00	100.00
(2)	1.90	3.62	3.60	1.70	.74	.70	.93	1.18	1.58	2.39	2.25	2.04	.63	.44	.35	.72	.00	24.79

(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 .50 MPH)

Table 2.7-83— SSES 197' (60m) 2001-2006 April JFD

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 7.22

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	12	28	42	15	9	8	10	6	11	10	2	1	2	3	0	0	0	159
(1)	3.86	9.00	13.50	4.82	2.89	2.57	3.22	1.93	3.54	3.22	.64	.32	.64	.96	.00	.00	.00	51.13
(2)	.28	.65	.98	.35	.21	.19	.23	.14	.26	.23	.05	.02	.05	.07	.00	.00	.00	3.69
4-7	14	47	16	2	2	1	2	4	8	6	12	6	1	2	3	1	0	127
(1)	4.50	15.11	5.14	.64	.64	.32	.64	1.29	2.57	1.93	3.86	1.93	.32	.64	.96	.32	.00	40.84
(2)	.33	1.09	.37	.05	.05	.02	.05	.09	.19	.14	.28	.14	.02	.05	.07	.02	.00	2.95
8-12	2	2	0	0	0	0	0	1	1	7	1	10	0	0	0	0	0	24
(1)	.64	.64	.00	.00	.00	.00	.00	.32	.32	2.25	.32	3.22	.00	.00	.00	.00	.00	7.72
(2)	.05	.05	.00	.00	.00	.00	.00	.02	.02	.16	.02	.23	.00	.00	.00	.00	.00	.56
13-18	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	.32	.00	.00	.00	.00	.00	.32
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.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	28	77	58	17	11	9	12	11	20	23	15	18	3	5	3	1	0	311
(1)	9.00	24.76	18.65	5.47	3.54	2.89	3.86	3.54	6.43	7.40	4.82	5.79	.96	1.61	.96	.32	.00	100.00
(2)	.65	1.79	1.35	.39	.26	.21	.28	.26	.46	.53	.35	.42	.07	.12	.07	.02	.00	7.22

(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 .50 MPH)

Table 2.7-83— SSES 197' (60m) 2001-2006 April JFD

SSES APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 9.64

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	32	54	24	14	12	9	7	9	6	3	2	1	0	0	0	0	186
(1)	3.13	7.71	13.01	5.78	3.37	2.89	2.17	1.69	2.17	1.45	.72	.48	.24	.00	.00	.00	.00	44.82
(2)	.30	.74	1.25	.56	.33	.28	.21	.16	.21	.14	.07	.05	.02	.00	.00	.00	.00	4.32
4-7	47	101	31	8	4	2	1	4	6	3	7	3	0	0	1	1	0	219
(1)	11.33	24.34	7.47	1.93	.96	.48	.24	.96	1.45	.72	1.69	.72	.00	.00	.24	.24	.00	52.77
(2)	1.09	2.35	.72	.19	.09	.05	.02	.09	.14	.07	.16	.07	.00	.00	.02	.02	.00	5.09
8-12	0	0	1	0	0	0	0	0	2	5	0	2	0	0	0	0	0	10
(1)	.00	.00	.24	.00	.00	.00	.00	.00	.48	1.20	.00	.48	.00	.00	.00	.00	.00	2.41
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.05	.12	.00	.05	.00	.00	.00	.00	.00	.23
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	60	133	86	32	18	14	10	11	17	14	10	7	1	0	1	1	0	415
(1)	14.46	32.05	20.72	7.71	4.34	3.37	2.41	2.65	4.10	3.37	2.41	1.69	.24	.00	.24	.24	.00	100.00
(2)	1.39	3.09	2.00	.74	.42	.33	.23	.26	.39	.33	.23	.16	.02	.00	.02	.02	.00	9.64

(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 .50 MPH)

Table 2.7-83— SSES 197' (60m) 2001-2006 April JFD

SSES 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	49	105	167	86	47	40	40	40	48	48	32	14	9	7	3	10	0	745
(1)	1.14	2.44	3.88	2.00	1.09	.93	.93	.93	1.11	1.11	.74	.33	.21	.16	.07	.23	.00	17.31
(2)	1.14	2.44	3.88	2.00	1.09	.93	.93	.93	1.11	1.11	.74	.33	.21	.16	.07	.23	.00	17.31
4-7	131	262	168	63	41	42	57	53	70	81	123	73	36	27	29	20	0	1276
(1)	3.04	6.09	3.90	1.46	.95	.98	1.32	1.23	1.63	1.88	2.86	1.70	.84	.63	.67	.46	.00	29.64
(2)	3.04	6.09	3.90	1.46	.95	.98	1.32	1.23	1.63	1.88	2.86	1.70	.84	.63	.67	.46	.00	29.64
8-12	148	239	132	45	26	49	54	44	57	106	137	128	48	65	75	101	0	1454
(1)	3.44	5.55	3.07	1.05	.60	1.14	1.25	1.02	1.32	2.46	3.18	2.97	1.11	1.51	1.74	2.35	.00	33.77
(2)	3.44	5.55	3.07	1.05	.60	1.14	1.25	1.02	1.32	2.46	3.18	2.97	1.11	1.51	1.74	2.35	.00	33.77
13-18	54	86	28	3	8	21	25	13	40	45	85	121	63	42	65	40	0	739
(1)	1.25	2.00	.65	.07	.19	.49	.58	.30	.93	1.05	1.97	2.81	1.46	.98	1.51	.93	.00	17.17
(2)	1.25	2.00	.65	.07	.19	.49	.58	.30	.93	1.05	1.97	2.81	1.46	.98	1.51	.93	.00	17.17
19-24	2	5	2	0	0	0	4	3	5	2	11	36	10	2	5	0	0	87
(1)	.05	.12	.05	.00	.00	.00	.09	.07	.12	.05	.26	.84	.23	.05	.12	.00	.00	2.02
(2)	.05	.12	.05	.00	.00	.00	.09	.07	.12	.05	.26	.84	.23	.05	.12	.00	.00	2.02
GT 24	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.07	.00	.00	.00	.00	.00	.09
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.07	.00	.00	.00	.00	.00	.09
ALL SPEEDS	384	697	497	197	122	152	180	153	220	282	389	375	166	143	177	171	0	4305
(1)	8.92	16.19	11.54	4.58	2.83	3.53	4.18	3.55	5.11	6.55	9.04	8.71	3.86	3.32	4.11	3.97	.00	100.00
(2)	8.92	16.19	11.54	4.58	2.83	3.53	4.18	3.55	5.11	6.55	9.04	8.71	3.86	3.32	4.11	3.97	.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 .50 MPH)

Table 2.7-84— SSES 197′ (60m) 2001-2006 May JFD

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 6.47

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	0	3	0	0	0	0	1	1	0	0	0	0	0	0	0	5
(1)	.00	.00	.00	1.12	.00	.00	.00	.00	.37	.37	.00	.00	.00	.00	.00	.00	.00	1.86
(2)	.00	.00	.00	.07	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.12
4-7	0	3	12	4	4	8	5	5	8	14	18	4	1	0	1	1	0	88
(1)	.00	1.12	4.46	1.49	1.49	2.97	1.86	1.86	2.97	5.20	6.69	1.49	.37	.00	.37	.37	.00	32.71
(2)	.00	.07	.29	.10	.10	.19	.12	.12	.19	.34	.43	.10	.02	.00	.02	.02	.00	2.12
8-12	7	9	5	4	2	2	3	7	10	18	31	12	1	2	1	1	0	115
(1)	2.60	3.35	1.86	1.49	.74	.74	1.12	2.60	3.72	6.69	11.52	4.46	.37	.74	.37	.37	.00	42.75
(2)	.17	.22	.12	.10	.05	.05	.07	.17	.24	.43	.75	.29	.02	.05	.02	.02	.00	2.77
13-18	11	6	1	0	0	1	0	0	9	5	13	12	1	0	0	0	0	59
(1)	4.09	2.23	.37	.00	.00	.37	.00	.00	3.35	1.86	4.83	4.46	.37	.00	.00	.00	.00	21.93
(2)	.26	.14	.02	.00	.00	.02	.00	.00	.22	.12	.31	.29	.02	.00	.00	.00	.00	1.42
19-24	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.74	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.74
(2)	.05	.00	.00	.00	.00	.00	.00	.00	.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	20	18	18	11	6	11	8	12	28	38	62	28	3	2	2	2	0	269
(1)	7.43	6.69	6.69	4.09	2.23	4.09	2.97	4.46	10.41	14.13	23.05	10.41	1.12	.74	.74	.74	.00	100.00
(2)	.48	.43	.43	.26	.14	.26	.19	.29	.67	.91	1.49	.67	.07	.05	.05	.05	.00	6.47

(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 .50 MPH)

Table 2.7-84— SSES 197′ (60m) 2001-2006 May JFD

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 3.97

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	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	0	1	1	0	0	1	1	1	0	0	0	0	0	0	7
(1)	.00	.61	.61	.00	.61	.61	.00	.00	.61	.61	.61	.00	.00	.00	.00	.00	.00	4.24
(2)	.00	.02	.02	.00	.02	.02	.00	.00	.02	.02	.02	.00	.00	.00	.00	.00	.00	.17
4-7	0	3	5	4	1	1	1	2	2	8	4	1	1	0	1	0	0	34
(1)	.00	1.82	3.03	2.42	.61	.61	.61	1.21	1.21	4.85	2.42	.61	.61	.00	.61	.00	.00	20.61
(2)	.00	.07	.12	.10	.02	.02	.02	.05	.05	.19	.10	.02	.02	.00	.02	.00	.00	.82
8-12	5	7	8	0	5	2	5	3	1	3	15	11	2	4	2	2	0	75
(1)	3.03	4.24	4.85	.00	3.03	1.21	3.03	1.82	.61	1.82	9.09	6.67	1.21	2.42	1.21	1.21	.00	45.45
(2)	.12	.17	.19	.00	.12	.05	.12	.07	.02	.07	.36	.26	.05	.10	.05	.05	.00	1.81
13-18	10	3	0	1	2	0	0	1	2	1	12	9	0	0	0	5	0	46
(1)	6.06	1.82	.00	.61	1.21	.00	.00	.61	1.21	.61	7.27	5.45	.00	.00	.00	3.03	.00	27.88
(2)	.24	.07	.00	.02	.05	.00	.00	.02	.05	.02	.29	.22	.00	.00	.00	.12	.00	1.11
19-24	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	3
(1)	.61	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.21	.00	.00	.00	.00	.00	1.82
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.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	14	14	5	9	4	6	6	6	13	32	23	3	4	3	7	0	165
(1)	9.70	8.48	8.48	3.03	5.45	2.42	3.64	3.64	3.64	7.88	19.39	13.94	1.82	2.42	1.82	4.24	.00	100.00
(2)	.39	.34	.34	.12	.22	.10	.14	.14	.14	.31	.77	.55	.07	.10	.07	.17	.00	3.97

(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 .50 MPH)

Table 2.7-84— SSES 197′ (60m) 2001-2006 May JFD

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 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	4	0	2	1	0	0	1	1	0	0	0	0	0	0	1	0	10
(1)	.00	1.67	.00	.83	.42	.00	.00	.42	.42	.00	.00	.00	.00	.00	.00	.42	.00	4.17
(2)	.00	.10	.00	.05	.02	.00	.00	.02	.02	.00	.00	.00	.00	.00	.00	.02	.00	.24
4-7	4	2	9	2	0	3	2	1	2	12	8	2	2	0	0	0	0	49
(1)	1.67	.83	3.75	.83	.00	1.25	.83	.42	.83	5.00	3.33	.83	.83	.00	.00	.00	.00	20.42
(2)	.10	.05	.22	.05	.00	.07	.05	.02	.05	.29	.19	.05	.05	.00	.00	.00	.00	1.18
8-12	7	5	3	4	5	5	8	4	4	8	29	12	7	2	4	4	0	111
(1)	2.92	2.08	1.25	1.67	2.08	2.08	3.33	1.67	1.67	3.33	12.08	5.00	2.92	.83	1.67	1.67	.00	46.25
(2)	.17	.12	.07	.10	.12	.12	.19	.10	.10	.19	.70	.29	.17	.05	.10	.10	.00	2.67
13-18	8	5	0	1	0	1	1	0	4	4	10	13	3	3	1	6	0	60
(1)	3.33	2.08	.00	.42	.00	.42	.42	.00	1.67	1.67	4.17	5.42	1.25	1.25	.42	2.50	.00	25.00
(2)	.19	.12	.00	.02	.00	.02	.02	.00	.10	.10	.24	.31	.07	.07	.02	.14	.00	1.44
19-24	0	0	0	0	0	0	0	0	0	0	1	9	0	0	0	0	0	10
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.42	3.75	.00	.00	.00	.00	.00	4.17
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.22	.00	.00	.00	.00	.00	.24
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	16	12	9	6	9	11	6	11	24	48	36	12	5	5	11	0	240
(1)	7.92	6.67	5.00	3.75	2.50	3.75	4.58	2.50	4.58	10.00	20.00	15.00	5.00	2.08	2.08	4.58	.00	100.00
(2)	.46	.39	.29	.22	.14	.22	.26	.14	.26	.58	1.16	.87	.29	.12	.12	.26	.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 .50 MPH)

Table 2.7-84— SSES 197′ (60m) 2001-2006 May JFD

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 39.16

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	4	17	25	18	11	14	14	14	11	10	12	3	1	2	3	2	0	161
(1)	.25	1.04	1.54	1.11	.68	.86	.86	.86	.68	.61	.74	.18	.06	.12	.18	.12	.00	9.90
(2)	.10	.41	.60	.43	.26	.34	.34	.34	.26	.24	.29	.07	.02	.05	.07	.05	.00	3.87
4-7	15	39	56	38	29	23	31	23	25	44	79	31	10	14	7	11	0	475
(1)	.92	2.40	3.44	2.34	1.78	1.41	1.91	1.41	1.54	2.70	4.86	1.91	.61	.86	.43	.68	.00	29.19
(2)	.36	.94	1.35	.91	.70	.55	.75	.55	.60	1.06	1.90	.75	.24	.34	.17	.26	.00	11.43
8-12	65	59	45	24	18	28	28	37	28	32	71	70	39	27	29	46	0	646
(1)	4.00	3.63	2.77	1.48	1.11	1.72	1.72	2.27	1.72	1.97	4.36	4.30	2.40	1.66	1.78	2.83	.00	39.70
(2)	1.56	1.42	1.08	.58	.43	.67	.67	.89	.67	.77	1.71	1.68	.94	.65	.70	1.11	.00	15.55
13-18	20	36	3	2	13	14	5	4	16	10	24	63	33	18	17	18	0	296
(1)	1.23	2.21	.18	.12	.80	.86	.31	.25	.98	.61	1.48	3.87	2.03	1.11	1.04	1.11	.00	18.19
(2)	.48	.87	.07	.05	.31	.34	.12	.10	.39	.24	.58	1.52	.79	.43	.41	.43	.00	7.12
19-24	0	0	0	1	4	3	0	1	3	1	7	14	8	6	0	0	0	48
(1)	.00	.00	.00	.06	.25	.18	.00	.06	.18	.06	.43	.86	.49	.37	.00	.00	.00	2.95
(2)	.00	.00	.00	.02	.10	.07	.00	.02	.07	.02	.17	.34	.19	.14	.00	.00	.00	1.16
GT 24	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06
(2)	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
ALL SPEEDS	104	151	129	83	75	83	78	79	83	97	193	181	91	67	56	77	0	1627
(1)	6.39	9.28	7.93	5.10	4.61	5.10	4.79	4.86	5.10	5.96	11.86	11.12	5.59	4.12	3.44	4.73	.00	100.00
(2)	2.50	3.63	3.10	2.00	1.81	2.00	1.88	1.90	2.00	2.33	4.65	4.36	2.19	1.61	1.35	1.85	.00	39.16

(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 .50 MPH)

Table 2.7-84— SSES 197′ (60m) 2001-2006 May JFD

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 26.23

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	39	63	32	33	20	19	17	14	25	18	7	2	4	1	4	0	309
(1)	1.01	3.58	5.78	2.94	3.03	1.83	1.74	1.56	1.28	2.29	1.65	.64	.18	.37	.09	.37	.00	28.35
(2)	.26	.94	1.52	.77	.79	.48	.46	.41	.34	.60	.43	.17	.05	.10	.02	.10	.00	7.44
4-7	42	86	50	33	18	21	14	29	27	47	41	22	9	5	7	6	0	457
(1)	3.85	7.89	4.59	3.03	1.65	1.93	1.28	2.66	2.48	4.31	3.76	2.02	.83	.46	.64	.55	.00	41.93
(2)	1.01	2.07	1.20	.79	.43	.51	.34	.70	.65	1.13	.99	.53	.22	.12	.17	.14	.00	11.00
8-12	11	19	25	13	12	4	12	12	23	34	36	29	8	5	13	16	0	272
(1)	1.01	1.74	2.29	1.19	1.10	.37	1.10	1.10	2.11	3.12	3.30	2.66	.73	.46	1.19	1.47	.00	24.95
(2)	.26	.46	.60	.31	.29	.10	.29	.29	.55	.82	.87	.70	.19	.12	.31	.39	.00	6.55
13-18	1	3	2	0	1	4	2	0	11	9	3	9	2	0	2	1	0	50
(1)	.09	.28	.18	.00	.09	.37	.18	.00	1.01	.83	.28	.83	.18	.00	.18	.09	.00	4.59
(2)	.02	.07	.05	.00	.02	.10	.05	.00	.26	.22	.07	.22	.05	.00	.05	.02	.00	1.20
19-24	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.09	.00	.00	.09	.00	.00	.00	.00	.00	.18
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.02	.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	65	147	140	78	64	49	47	58	76	115	98	68	21	14	23	27	0	1090
(1)	5.96	13.49	12.84	7.16	5.87	4.50	4.31	5.32	6.97	10.55	8.99	6.24	1.93	1.28	2.11	2.48	.00	100.00
(2)	1.56	3.54	3.37	1.88	1.54	1.18	1.13	1.40	1.83	2.77	2.36	1.64	.51	.34	.55	.65	.00	26.23

(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 .50 MPH)

Table 2.7-84— SSES 197′ (60m) 2001-2006 May JFD

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 11.72

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	30	47	21	15	17	24	10	8	3	7	1	3	1	3	1	0	201
(1)	2.05	6.16	9.65	4.31	3.08	3.49	4.93	2.05	1.64	.62	1.44	.21	.62	.21	.62	.21	.00	41.27
(2)	.24	.72	1.13	.51	.36	.41	.58	.24	.19	.07	.17	.02	.07	.02	.07	.02	.00	4.84
4-7	25	105	38	4	8	5	2	4	8	14	19	2	3	1	2	4	0	244
(1)	5.13	21.56	7.80	.82	1.64	1.03	.41	.82	1.64	2.87	3.90	.41	.62	.21	.41	.82	.00	50.10
(2)	.60	2.53	.91	.10	.19	.12	.05	.10	.19	.34	.46	.05	.07	.02	.05	.10	.00	5.87
8-12	4	5	1	0	1	0	0	2	2	0	8	15	0	0	0	2	0	40
(1)	.82	1.03	.21	.00	.21	.00	.00	.41	.41	.00	1.64	3.08	.00	.00	.00	.41	.00	8.21
(2)	.10	.12	.02	.00	.02	.00	.00	.05	.05	.00	.19	.36	.00	.00	.00	.05	.00	.96
13-18	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.21	.00	.00	.00	.21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.41
(2)	.02	.00	.00	.00	.02	.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	40	140	86	25	25	22	26	16	18	17	34	18	6	2	5	7	0	487
(1)	8.21	28.75	17.66	5.13	5.13	4.52	5.34	3.29	3.70	3.49	6.98	3.70	1.23	.41	1.03	1.44	.00	100.00
(2)	.96	3.37	2.07	.60	.60	.53	.63	.39	.43	.41	.82	.43	.14	.05	.12	.17	.00	11.72

(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 .50 MPH)

Table 2.7-84— SSES 197′ (60m) 2001-2006 May JFD

SSES MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 6.67

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	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	14	36	12	7	6	9	4	2	1	0	0	0	0	0	0	0	94
(1)	1.08	5.05	13.00	4.33	2.53	2.17	3.25	1.44	.72	.36	.00	.00	.00	.00	.00	.00	.00	33.94
(2)	.07	.34	.87	.29	.17	.14	.22	.10	.05	.02	.00	.00	.00	.00	.00	.00	.00	2.26
4-7	8	84	32	4	0	4	1	3	6	7	12	2	1	1	1	5	0	171
(1)	2.89	30.32	11.55	1.44	.00	1.44	.36	1.08	2.17	2.53	4.33	.72	.36	.36	.36	1.81	.00	61.73
(2)	.19	2.02	.77	.10	.00	.10	.02	.07	.14	.17	.29	.05	.02	.02	.02	.12	.00	4.12
8-12	3	0	1	0	0	0	0	0	0	1	4	3	0	0	0	0	0	12
(1)	1.08	.00	.36	.00	.00	.00	.00	.00	.00	.36	1.44	1.08	.00	.00	.00	.00	.00	4.33
(2)	.07	.00	.02	.00	.00	.00	.00	.00	.00	.02	.10	.07	.00	.00	.00	.00	.00	.29
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	14	98	69	16	7	10	10	7	8	9	16	5	1	1	1	5	0	277
(1)	5.05	35.38	24.91	5.78	2.53	3.61	3.61	2.53	2.89	3.25	5.78	1.81	.36	.36	.36	1.81	.00	100.00
(2)	.34	2.36	1.66	.39	.17	.24	.24	.17	.19	.22	.39	.12	.02	.02	.02	.12	.00	6.67

(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 .50 MPH)

Table 2.7-84— SSES 197′ (60m) 2001-2006 May JFD

SSES 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	28	105	172	88	68	58	66	46	38	41	38	11	6	7	7	8	0	787
(1)	.67	2.53	4.14	2.12	1.64	1.40	1.59	1.11	.91	.99	.91	.26	.14	.17	.17	.19	.00	18.94
(2)	.67	2.53	4.14	2.12	1.64	1.40	1.59	1.11	.91	.99	.91	.26	.14	.17	.17	.19	.00	18.94
4-7	94	322	202	89	60	65	56	67	78	146	181	64	27	21	19	27	0	1518
(1)	2.26	7.75	4.86	2.14	1.44	1.56	1.35	1.61	1.88	3.51	4.36	1.54	.65	.51	.46	.65	.00	36.53
(2)	2.26	7.75	4.86	2.14	1.44	1.56	1.35	1.61	1.88	3.51	4.36	1.54	.65	.51	.46	.65	.00	36.53
8-12	102	104	88	45	43	41	56	65	68	96	194	152	57	40	49	71	0	1271
(1)	2.45	2.50	2.12	1.08	1.03	.99	1.35	1.56	1.64	2.31	4.67	3.66	1.37	.96	1.18	1.71	.00	30.59
(2)	2.45	2.50	2.12	1.08	1.03	.99	1.35	1.56	1.64	2.31	4.67	3.66	1.37	.96	1.18	1.71	.00	30.59
13-18	51	53	6	4	17	20	8	5	42	29	62	106	39	21	20	30	0	513
(1)	1.23	1.28	.14	.10	.41	.48	.19	.12	1.01	.70	1.49	2.55	.94	.51	.48	.72	.00	12.35
(2)	1.23	1.28	.14	.10	.41	.48	.19	.12	1.01	.70	1.49	2.55	.94	.51	.48	.72	.00	12.35
19-24	3	0	0	1	4	3	0	1	4	1	8	26	8	6	0	0	0	65
(1)	.07	.00	.00	.02	.10	.07	.00	.02	.10	.02	.19	.63	.19	.14	.00	.00	.00	1.56
(2)	.07	.00	.00	.02	.10	.07	.00	.02	.10	.02	.19	.63	.19	.14	.00	.00	.00	1.56
GT 24	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
ALL SPEEDS	278	584	468	227	192	188	186	184	230	313	483	359	137	95	95	136	0	4155
(1)	6.69	14.06	11.26	5.46	4.62	4.52	4.48	4.43	5.54	7.53	11.62	8.64	3.30	2.29	2.29	3.27	.00	100.00
(2)	6.69	14.06	11.26	5.46	4.62	4.52	4.48	4.43	5.54	7.53	11.62	8.64	3.30	2.29	2.29	3.27	.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 .50 MPH)

Table 2.7-85— SSES 197' (60m) 2001-2006 June JFD

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 5.52

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	3	2	4	0	3	5	1	0	0	0	0	0	0	20
(1)	.00	.00	.49	.49	1.48	.99	1.97	.00	1.48	2.46	.49	.00	.00	.00	.00	.00	.00	9.85
(2)	.00	.00	.03	.03	.08	.05	.11	.00	.08	.14	.03	.00	.00	.00	.00	.00	.00	.54
4-7	2	7	8	2	2	3	9	3	1	3	8	4	1	0	0	0	0	53
(1)	.99	3.45	3.94	.99	.99	1.48	4.43	1.48	.49	1.48	3.94	1.97	.49	.00	.00	.00	.00	26.11
(2)	.05	.19	.22	.05	.05	.08	.24	.08	.03	.08	.22	.11	.03	.00	.00	.00	.00	1.44
8-12	0	5	3	0	0	0	8	2	0	4	45	23	0	1	3	0	0	94
(1)	.00	2.46	1.48	.00	.00	.00	3.94	.99	.00	1.97	22.17	11.33	.00	.49	1.48	.00	.00	46.31
(2)	.00	.14	.08	.00	.00	.00	.22	.05	.00	.11	1.22	.63	.00	.03	.08	.00	.00	2.56
13-18	0	0	0	0	0	0	1	0	0	3	19	10	0	0	1	1	0	35
(1)	.00	.00	.00	.00	.00	.00	.49	.00	.00	1.48	9.36	4.93	.00	.00	.49	.49	.00	17.24
(2)	.00	.00	.00	.00	.00	.00	.03	.00	.00	.08	.52	.27	.00	.00	.03	.03	.00	.95
19-24	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	.49	.00	.00	.00	.00	.00	.00	.49
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00	.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	2	12	12	3	5	5	22	5	4	15	74	37	1	1	4	1	0	203
(1)	.99	5.91	5.91	1.48	2.46	2.46	10.84	2.46	1.97	7.39	36.45	18.23	.49	.49	1.97	.49	.00	100.00
(2)	.05	.33	.33	.08	.14	.14	.60	.14	.11	.41	2.01	1.01	.03	.03	.11	.03	.00	5.52

(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 .50 MPH)

Table 2.7-85— SSES 197' (60m) 2001-2006 June JFD

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS B 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	1	2	3	1	3	1	0	1	2	1	1	0	0	0	0	0	16
(1)	.00	.58	1.16	1.73	.58	1.73	.58	.00	.58	1.16	.58	.58	.00	.00	.00	.00	.00	9.25
(2)	.00	.03	.05	.08	.03	.08	.03	.00	.03	.05	.03	.03	.00	.00	.00	.00	.00	.44
4-7	3	9	9	1	0	1	4	1	1	1	9	2	0	0	1	0	0	42
(1)	1.73	5.20	5.20	.58	.00	.58	2.31	.58	.58	.58	5.20	1.16	.00	.00	.58	.00	.00	24.28
(2)	.08	.24	.24	.03	.00	.03	.11	.03	.03	.03	.24	.05	.00	.00	.03	.00	.00	1.14
8-12	4	7	2	2	0	0	3	1	2	4	43	13	6	0	2	3	0	92
(1)	2.31	4.05	1.16	1.16	.00	.00	1.73	.58	1.16	2.31	24.86	7.51	3.47	.00	1.16	1.73	.00	53.18
(2)	.11	.19	.05	.05	.00	.00	.08	.03	.05	.11	1.17	.35	.16	.00	.05	.08	.00	2.50
13-18	0	0	0	0	0	0	0	0	0	1	11	7	2	0	0	1	0	22
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.58	6.36	4.05	1.16	.00	.00	.58	.00	12.72
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.30	.19	.05	.00	.00	.03	.00	.60
19-24	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	.58	.00	.00	.00	.00	.00	.58
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.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	7	17	13	6	1	4	8	2	4	8	64	24	8	0	3	4	0	173
(1)	4.05	9.83	7.51	3.47	.58	2.31	4.62	1.16	2.31	4.62	36.99	13.87	4.62	.00	1.73	2.31	.00	100.00
(2)	.19	.46	.35	.16	.03	.11	.22	.05	.11	.22	1.74	.65	.22	.00	.08	.11	.00	4.71

(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 .50 MPH)

Table 2.7-85— SSES 197' (60m) 2001-2006 June JFD

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 5.66

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	2	3	2	0	1	1	2	1	0	0	0	0	0	0	14
(1)	.00	.48	.48	.96	1.44	.96	.00	.48	.48	.96	.48	.00	.00	.00	.00	.00	.00	6.73
(2)	.00	.03	.03	.05	.08	.05	.00	.03	.03	.05	.03	.00	.00	.00	.00	.00	.00	.38
4-7	6	12	5	5	1	2	2	0	5	8	9	4	1	2	1	5	0	68
(1)	2.88	5.77	2.40	2.40	.48	.96	.96	.00	2.40	3.85	4.33	1.92	.48	.96	.48	2.40	.00	32.69
(2)	.16	.33	.14	.14	.03	.05	.05	.00	.14	.22	.24	.11	.03	.05	.03	.14	.00	1.85
8-12	2	0	3	0	0	2	0	0	0	6	36	16	3	0	5	8	0	81
(1)	.96	.00	1.44	.00	.00	.96	.00	.00	.00	2.88	17.31	7.69	1.44	.00	2.40	3.85	.00	38.94
(2)	.05	.00	.08	.00	.00	.05	.00	.00	.00	.16	.98	.44	.08	.00	.14	.22	.00	2.20
13-18	0	0	0	0	0	0	0	1	1	2	10	18	3	1	7	2	0	45
(1)	.00	.00	.00	.00	.00	.00	.00	.48	.48	.96	4.81	8.65	1.44	.48	3.37	.96	.00	21.63
(2)	.00	.00	.00	.00	.00	.00	.00	.03	.03	.05	.27	.49	.08	.03	.19	.05	.00	1.22
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	8	13	9	7	4	6	2	2	7	18	56	38	7	3	13	15	0	208
(1)	3.85	6.25	4.33	3.37	1.92	2.88	.96	.96	3.37	8.65	26.92	18.27	3.37	1.44	6.25	7.21	.00	100.00
(2)	.22	.35	.24	.19	.11	.16	.05	.05	.19	.49	1.52	1.03	.19	.08	.35	.41	.00	5.66

(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 .50 MPH)

Table 2.7-85— SSES 197' (60m) 2001-2006 June JFD

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 36.40

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	7	23	41	35	14	16	16	13	19	20	27	11	1	0	1	3	0	247
(1)	.52	1.72	3.06	2.62	1.05	1.20	1.20	.97	1.42	1.49	2.02	.82	.07	.00	.07	.22	.00	18.46
(2)	.19	.63	1.12	.95	.38	.44	.44	.35	.52	.54	.73	.30	.03	.00	.03	.08	.00	6.72
4-7	43	48	42	23	29	15	25	17	21	60	109	35	7	10	13	13	0	510
(1)	3.21	3.59	3.14	1.72	2.17	1.12	1.87	1.27	1.57	4.48	8.15	2.62	.52	.75	.97	.97	.00	38.12
(2)	1.17	1.31	1.14	.63	.79	.41	.68	.46	.57	1.63	2.97	.95	.19	.27	.35	.35	.00	13.87
8-12	11	44	35	2	5	5	18	23	28	27	105	62	21	10	49	33	0	478
(1)	.82	3.29	2.62	.15	.37	.37	1.35	1.72	2.09	2.02	7.85	4.63	1.57	.75	3.66	2.47	.00	35.72
(2)	.30	1.20	.95	.05	.14	.14	.49	.63	.76	.73	2.86	1.69	.57	.27	1.33	.90	.00	13.00
13-18	4	6	1	0	1	2	0	0	4	5	19	39	3	0	6	9	0	99
(1)	.30	.45	.07	.00	.07	.15	.00	.00	.30	.37	1.42	2.91	.22	.00	.45	.67	.00	7.40
(2)	.11	.16	.03	.00	.03	.05	.00	.00	.11	.14	.52	1.06	.08	.00	.16	.24	.00	2.69
19-24	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.30	.00	.00	.00	.00	.00	.30
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11	.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	65	121	119	60	49	38	59	53	72	112	260	151	32	20	69	58	0	1338
(1)	4.86	9.04	8.89	4.48	3.66	2.84	4.41	3.96	5.38	8.37	19.43	11.29	2.39	1.49	5.16	4.33	.00	100.00
(2)	1.77	3.29	3.24	1.63	1.33	1.03	1.61	1.44	1.96	3.05	7.07	4.11	.87	.54	1.88	1.58	.00	36.40

(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 .50 MPH)

Table 2.7-85— SSES 197' (60m) 2001-2006 June JFD

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 28.75

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	14	52	76	25	27	24	30	15	24	22	16	11	1	0	2	4	0	343
(1)	1.32	4.92	7.19	2.37	2.55	2.27	2.84	1.42	2.27	2.08	1.51	1.04	.09	.00	.19	.38	.00	32.45
(2)	.38	1.41	2.07	.68	.73	.65	.82	.41	.65	.60	.44	.30	.03	.00	.05	.11	.00	9.33
4-7	26	117	57	21	16	13	15	19	17	35	58	30	5	7	10	6	0	452
(1)	2.46	11.07	5.39	1.99	1.51	1.23	1.42	1.80	1.61	3.31	5.49	2.84	.47	.66	.95	.57	.00	42.76
(2)	.71	3.18	1.55	.57	.44	.35	.41	.52	.46	.95	1.58	.82	.14	.19	.27	.16	.00	12.30
8-12	11	21	17	0	0	4	7	11	23	34	34	36	3	3	11	10	0	225
(1)	1.04	1.99	1.61	.00	.00	.38	.66	1.04	2.18	3.22	3.22	3.41	.28	.28	1.04	.95	.00	21.29
(2)	.30	.57	.46	.00	.00	.11	.19	.30	.63	.92	.92	.98	.08	.08	.30	.27	.00	6.12
13-18	0	8	2	0	0	0	0	1	2	3	9	8	1	0	2	1	0	37
(1)	.00	.76	.19	.00	.00	.00	.00	.09	.19	.28	.85	.76	.09	.00	.19	.09	.00	3.50
(2)	.00	.22	.05	.00	.00	.00	.00	.03	.05	.08	.24	.22	.03	.00	.05	.03	.00	1.01
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	51	198	152	46	43	41	52	46	66	94	117	85	10	10	25	21	0	1057
(1)	4.82	18.73	14.38	4.35	4.07	3.88	4.92	4.35	6.24	8.89	11.07	8.04	.95	.95	2.37	1.99	.00	100.00
(2)	1.39	5.39	4.13	1.25	1.17	1.12	1.41	1.25	1.80	2.56	3.18	2.31	.27	.27	.68	.57	.00	28.75

(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 .50 MPH)

Table 2.7-85— SSES 197' (60m) 2001-2006 June JFD

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 13.68

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	9	49	65	33	19	13	9	9	11	8	3	1	1	0	1	2	0	233
(1)	1.79	9.74	12.92	6.56	3.78	2.58	1.79	1.79	2.19	1.59	.60	.20	.20	.00	.20	.40	.00	46.32
(2)	.24	1.33	1.77	.90	.52	.35	.24	.24	.30	.22	.08	.03	.03	.00	.03	.05	.00	6.34
4-7	33	112	26	6	2	3	2	2	8	23	15	3	1	3	2	1	0	242
(1)	6.56	22.27	5.17	1.19	.40	.60	.40	.40	1.59	4.57	2.98	.60	.20	.60	.40	.20	.00	48.11
(2)	.90	3.05	.71	.16	.05	.08	.05	.05	.22	.63	.41	.08	.03	.08	.05	.03	.00	6.58
8-12	2	0	0	0	0	0	0	1	3	4	7	9	0	0	1	0	0	27
(1)	.40	.00	.00	.00	.00	.00	.00	.20	.60	.80	1.39	1.79	.00	.00	.20	.00	.00	5.37
(2)	.05	.00	.00	.00	.00	.00	.00	.03	.08	.11	.19	.24	.00	.00	.03	.00	.00	.73
13-18	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	.20	.00	.00	.20
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.03
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	161	91	39	21	16	11	12	22	35	25	13	2	3	5	3	0	503
(1)	8.75	32.01	18.09	7.75	4.17	3.18	2.19	2.39	4.37	6.96	4.97	2.58	.40	.60	.99	.60	.00	100.00
(2)	1.20	4.38	2.48	1.06	.57	.44	.30	.33	.60	.95	.68	.35	.05	.08	.14	.08	.00	13.68

(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 .50 MPH)

Table 2.7-85— SSES 197' (60m) 2001-2006 June JFD

SSES JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 5.28

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	21	24	12	5	8	9	11	7	5	2	0	0	1	0	0	0	107
(1)	1.03	10.82	12.37	6.19	2.58	4.12	4.64	5.67	3.61	2.58	1.03	.00	.00	.52	.00	.00	.00	55.15
(2)	.05	.57	.65	.33	.14	.22	.24	.30	.19	.14	.05	.00	.00	.03	.00	.00	.00	2.91
4-7	13	35	16	1	0	1	0	0	2	11	3	0	0	0	1	0	0	83
(1)	6.70	18.04	8.25	.52	.00	.52	.00	.00	1.03	5.67	1.55	.00	.00	.00	.52	.00	.00	42.78
(2)	.35	.95	.44	.03	.00	.03	.00	.00	.05	.30	.08	.00	.00	.00	.03	.00	.00	2.26
8-12	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.52	.00	1.03	.00	.52	.00	.00	.00	2.06
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.05	.00	.03	.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	15	56	40	13	5	9	9	11	9	17	5	2	0	2	1	0	0	194
(1)	7.73	28.87	20.62	6.70	2.58	4.64	4.64	5.67	4.64	8.76	2.58	1.03	.00	1.03	.52	.00	.00	100.00
(2)	.41	1.52	1.09	.35	.14	.24	.24	.30	.24	.46	.14	.05	.00	.05	.03	.00	.00	5.28

(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 .50 MPH)

Table 2.7-85— SSES 197' (60m) 2001-2006 June JFD

SSES 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	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	32	147	210	111	72	68	69	49	66	64	51	24	3	1	4	9	0	980
(1)	.87	4.00	5.71	3.02	1.96	1.85	1.88	1.33	1.80	1.74	1.39	.65	.08	.03	.11	.24	.00	26.66
(2)	.87	4.00	5.71	3.02	1.96	1.85	1.88	1.33	1.80	1.74	1.39	.65	.08	.03	.11	.24	.00	26.66
4-7	126	340	163	59	50	38	57	42	55	141	211	78	15	22	28	25	0	1450
(1)	3.43	9.25	4.43	1.61	1.36	1.03	1.55	1.14	1.50	3.84	5.74	2.12	.41	.60	.76	.68	.00	39.45
(2)	3.43	9.25	4.43	1.61	1.36	1.03	1.55	1.14	1.50	3.84	5.74	2.12	.41	.60	.76	.68	.00	39.45
8-12	30	77	60	4	5	11	36	38	56	80	270	161	33	15	71	54	0	1001
(1)	.82	2.09	1.63	.11	.14	.30	.98	1.03	1.52	2.18	7.34	4.38	.90	.41	1.93	1.47	.00	27.23
(2)	.82	2.09	1.63	.11	.14	.30	.98	1.03	1.52	2.18	7.34	4.38	.90	.41	1.93	1.47	.00	27.23
13-18	4	14	3	0	1	2	1	2	7	14	68	82	9	1	17	14	0	239
(1)	.11	.38	.08	.00	.03	.05	.03	.05	.19	.38	1.85	2.23	.24	.03	.46	.38	.00	6.50
(2)	.11	.38	.08	.00	.03	.05	.03	.05	.19	.38	1.85	2.23	.24	.03	.46	.38	.00	6.50
19-24	0	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.14	.00	.00	.00	.00	.00	.16
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.14	.00	.00	.00	.00	.00	.16
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	578	436	174	128	119	163	131	184	299	601	350	60	39	120	102	0	3676
(1)	5.22	15.72	11.86	4.73	3.48	3.24	4.43	3.56	5.01	8.13	16.35	9.52	1.63	1.06	3.26	2.77	.00	100.00
(2)	5.22	15.72	11.86	4.73	3.48	3.24	4.43	3.56	5.01	8.13	16.35	9.52	1.63	1.06	3.26	2.77	.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 .50 MPH)

Table 2.7-86— SSES 197' (60m) 2001-2006 July JFD

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 9.06

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	8	5	3	4	2	0	3	3	4	0	0	0	1	0	0	34
(1)	.00	.29	2.33	1.45	.87	1.16	.58	.00	.87	.87	1.16	.00	.00	.00	.29	.00	.00	9.88
(2)	.00	.03	.21	.13	.08	.11	.05	.00	.08	.08	.11	.00	.00	.00	.03	.00	.00	.90
4-7	7	10	13	11	3	2	3	1	3	14	26	8	1	1	1	1	0	105
(1)	2.03	2.91	3.78	3.20	.87	.58	.87	.29	.87	4.07	7.56	2.33	.29	.29	.29	.29	.00	30.52
(2)	.18	.26	.34	.29	.08	.05	.08	.03	.08	.37	.69	.21	.03	.03	.03	.03	.00	2.77
8-12	17	6	4	10	0	0	10	1	2	9	64	28	6	1	0	2	0	160
(1)	4.94	1.74	1.16	2.91	.00	.00	2.91	.29	.58	2.62	18.60	8.14	1.74	.29	.00	.58	.00	46.51
(2)	.45	.16	.11	.26	.00	.00	.26	.03	.05	.24	1.69	.74	.16	.03	.00	.05	.00	4.22
13-18	1	2	0	2	0	0	0	1	3	1	9	21	3	0	1	1	0	45
(1)	.29	.58	.00	.58	.00	.00	.00	.29	.87	.29	2.62	6.10	.87	.00	.29	.29	.00	13.08
(2)	.03	.05	.00	.05	.00	.00	.00	.03	.08	.03	.24	.55	.08	.00	.03	.03	.00	1.19
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	25	19	25	28	6	6	15	3	11	27	103	57	10	2	3	4	0	344
(1)	7.27	5.52	7.27	8.14	1.74	1.74	4.36	.87	3.20	7.85	29.94	16.57	2.91	.58	.87	1.16	.00	100.00
(2)	.66	.50	.66	.74	.16	.16	.40	.08	.29	.71	2.71	1.50	.26	.05	.08	.11	.00	9.06

(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 .50 MPH)

Table 2.7-86— SSES 197' (60m) 2001-2006 July JFD

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 4.69

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	2	2	1	1	1	2	1	0	0	0	0	0	0	0	0	10
(1)	.00	.00	1.12	1.12	.56	.56	.56	1.12	.56	.00	.00	.00	.00	.00	.00	.00	.00	5.62
(2)	.00	.00	.05	.05	.03	.03	.03	.05	.03	.00	.00	.00	.00	.00	.00	.00	.00	.26
4-7	3	12	5	3	2	1	0	0	0	6	13	2	1	1	1	3	0	53
(1)	1.69	6.74	2.81	1.69	1.12	.56	.00	.00	.00	3.37	7.30	1.12	.56	.56	.56	1.69	.00	29.78
(2)	.08	.32	.13	.08	.05	.03	.00	.00	.00	.16	.34	.05	.03	.03	.03	.08	.00	1.40
8-12	8	8	2	2	0	0	3	1	5	8	23	19	7	2	1	5	0	94
(1)	4.49	4.49	1.12	1.12	.00	.00	1.69	.56	2.81	4.49	12.92	10.67	3.93	1.12	.56	2.81	.00	52.81
(2)	.21	.21	.05	.05	.00	.00	.08	.03	.13	.21	.61	.50	.18	.05	.03	.13	.00	2.48
13-18	2	2	0	0	0	0	0	0	0	1	5	9	1	0	0	1	0	21
(1)	1.12	1.12	.00	.00	.00	.00	.00	.00	.00	.56	2.81	5.06	.56	.00	.00	.56	.00	11.80
(2)	.05	.05	.00	.00	.00	.00	.00	.00	.00	.03	.13	.24	.03	.00	.00	.03	.00	.55
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	13	22	9	7	3	2	4	3	6	15	41	30	9	3	2	9	0	178
(1)	7.30	12.36	5.06	3.93	1.69	1.12	2.25	1.69	3.37	8.43	23.03	16.85	5.06	1.69	1.12	5.06	.00	100.00
(2)	.34	.58	.24	.18	.08	.05	.11	.08	.16	.40	1.08	.79	.24	.08	.05	.24	.00	4.69

(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 .50 MPH)

Table 2.7-86— SSES 197' (60m) 2001-2006 July JFD

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 6.25

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	3	4	1	2	0	2	4	3	1	1	0	0	0	0	24
(1)	.00	.42	.84	1.27	1.69	.42	.84	.00	.84	1.69	1.27	.42	.42	.00	.00	.00	.00	10.13
(2)	.00	.03	.05	.08	.11	.03	.05	.00	.05	.11	.08	.03	.03	.00	.00	.00	.00	.63
4-7	8	9	6	5	2	2	5	1	1	6	21	6	1	1	4	2	0	80
(1)	3.38	3.80	2.53	2.11	.84	.84	2.11	.42	.42	2.53	8.86	2.53	.42	.42	1.69	.84	.00	33.76
(2)	.21	.24	.16	.13	.05	.05	.13	.03	.03	.16	.55	.16	.03	.03	.11	.05	.00	2.11
8-12	14	2	0	1	0	0	2	0	5	10	21	13	7	7	11	6	0	99
(1)	5.91	.84	.00	.42	.00	.00	.84	.00	2.11	4.22	8.86	5.49	2.95	2.95	4.64	2.53	.00	41.77
(2)	.37	.05	.00	.03	.00	.00	.05	.00	.13	.26	.55	.34	.18	.18	.29	.16	.00	2.61
13-18	0	3	0	0	0	0	0	0	2	3	5	19	1	0	0	0	0	33
(1)	.00	1.27	.00	.00	.00	.00	.00	.00	.84	1.27	2.11	8.02	.42	.00	.00	.00	.00	13.92
(2)	.00	.08	.00	.00	.00	.00	.00	.00	.05	.08	.13	.50	.03	.00	.00	.00	.00	.87
19-24	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	.42	.00	.00	.00	.00	.00	.42
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.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	22	15	8	9	6	3	9	1	10	23	50	40	10	8	15	8	0	237
(1)	9.28	6.33	3.38	3.80	2.53	1.27	3.80	.42	4.22	9.70	21.10	16.88	4.22	3.38	6.33	3.38	.00	100.00
(2)	.58	.40	.21	.24	.16	.08	.24	.03	.26	.61	1.32	1.05	.26	.21	.40	.21	.00	6.25

(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 .50 MPH)

Table 2.7-86— SSES 197' (60m) 2001-2006 July JFD

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 31.25

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	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08
(2)	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03
C-3	4	14	25	23	16	19	19	13	24	24	15	10	3	2	1	1	0	213
(1)	.34	1.18	2.11	1.94	1.35	1.60	1.60	1.10	2.02	2.02	1.26	.84	.25	.17	.08	.08	.00	17.96
(2)	.11	.37	.66	.61	.42	.50	.50	.34	.63	.63	.40	.26	.08	.05	.03	.03	.00	5.61
4-7	25	47	38	29	16	19	21	30	16	46	72	28	7	9	15	12	0	430
(1)	2.11	3.96	3.20	2.45	1.35	1.60	1.77	2.53	1.35	3.88	6.07	2.36	.59	.76	1.26	1.01	.00	36.26
(2)	.66	1.24	1.00	.76	.42	.50	.55	.79	.42	1.21	1.90	.74	.18	.24	.40	.32	.00	11.33
8-12	24	36	7	3	7	11	18	12	39	33	75	72	17	12	20	27	0	413
(1)	2.02	3.04	.59	.25	.59	.93	1.52	1.01	3.29	2.78	6.32	6.07	1.43	1.01	1.69	2.28	.00	34.82
(2)	.63	.95	.18	.08	.18	.29	.47	.32	1.03	.87	1.98	1.90	.45	.32	.53	.71	.00	10.88
13-18	2	6	0	0	0	0	2	1	5	16	39	50	1	2	1	0	0	125
(1)	.17	.51	.00	.00	.00	.00	.17	.08	.42	1.35	3.29	4.22	.08	.17	.08	.00	.00	10.54
(2)	.05	.16	.00	.00	.00	.00	.05	.03	.13	.42	1.03	1.32	.03	.05	.03	.00	.00	3.29
19-24	0	0	0	0	0	0	0	0	1	2	0	1	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.08	.17	.00	.08	.00	.00	.00	.00	.00	.34
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.03	.05	.00	.03	.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	55	103	70	55	40	49	60	56	85	121	201	161	28	25	37	40	0	1186
(1)	4.64	8.68	5.90	4.64	3.37	4.13	5.06	4.72	7.17	10.20	16.95	13.58	2.36	2.11	3.12	3.37	.00	100.00
(2)	1.45	2.71	1.84	1.45	1.05	1.29	1.58	1.48	2.24	3.19	5.30	4.24	.74	.66	.97	1.05	.00	31.25

(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 .50 MPH)

Table 2.7-86— SSES 197' (60m) 2001-2006 July JFD

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 29.41

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	49	102	44	42	27	34	34	31	25	18	5	2	0	1	2	0	422
(1)	.54	4.39	9.14	3.94	3.76	2.42	3.05	3.05	2.78	2.24	1.61	.45	.18	.00	.09	.18	.00	37.81
(2)	.16	1.29	2.69	1.16	1.11	.71	.90	.90	.82	.66	.47	.13	.05	.00	.03	.05	.00	11.12
4-7	52	122	58	14	18	8	20	13	18	40	66	18	3	3	2	7	0	462
(1)	4.66	10.93	5.20	1.25	1.61	.72	1.79	1.16	1.61	3.58	5.91	1.61	.27	.27	.18	.63	.00	41.40
(2)	1.37	3.21	1.53	.37	.47	.21	.53	.34	.47	1.05	1.74	.47	.08	.08	.05	.18	.00	12.17
8-12	2	9	3	2	7	4	8	4	18	42	43	42	2	4	14	10	0	214
(1)	.18	.81	.27	.18	.63	.36	.72	.36	1.61	3.76	3.85	3.76	.18	.36	1.25	.90	.00	19.18
(2)	.05	.24	.08	.05	.18	.11	.21	.11	.47	1.11	1.13	1.11	.05	.11	.37	.26	.00	5.64
13-18	1	0	0	0	0	0	1	0	3	2	4	3	2	0	0	1	0	17
(1)	.09	.00	.00	.00	.00	.00	.09	.00	.27	.18	.36	.27	.18	.00	.00	.09	.00	1.52
(2)	.03	.00	.00	.00	.00	.00	.03	.00	.08	.05	.11	.08	.05	.00	.00	.03	.00	.45
19-24	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	.09	.00	.00	.00	.00	.00	.09
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.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	61	180	163	60	67	39	63	51	70	109	131	69	9	7	17	20	0	1116
(1)	5.47	16.13	14.61	5.38	6.00	3.49	5.65	4.57	6.27	9.77	11.74	6.18	.81	.63	1.52	1.79	.00	100.00
(2)	1.61	4.74	4.30	1.58	1.77	1.03	1.66	1.34	1.84	2.87	3.45	1.82	.24	.18	.45	.53	.00	29.41

(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 .50 MPH)

Table 2.7-86— SSES 197' (60m) 2001-2006 July JFD

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 15.23

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	56	55	25	23	29	26	25	25	6	5	3	0	0	1	0	0	287
(1)	1.38	9.69	9.52	4.33	3.98	5.02	4.50	4.33	4.33	1.04	.87	.52	.00	.00	.17	.00	.00	49.65
(2)	.21	1.48	1.45	.66	.61	.76	.69	.66	.66	.16	.13	.08	.00	.00	.03	.00	.00	7.56
4-7	19	151	33	2	9	4	1	1	6	19	16	2	1	0	3	1	0	268
(1)	3.29	26.12	5.71	.35	1.56	.69	.17	.17	1.04	3.29	2.77	.35	.17	.00	.52	.17	.00	46.37
(2)	.50	3.98	.87	.05	.24	.11	.03	.03	.16	.50	.42	.05	.03	.00	.08	.03	.00	7.06
8-12	2	2	0	0	0	0	0	0	0	1	5	12	0	0	1	0	0	23
(1)	.35	.35	.00	.00	.00	.00	.00	.00	.00	.17	.87	2.08	.00	.00	.17	.00	.00	3.98
(2)	.05	.05	.00	.00	.00	.00	.00	.00	.00	.03	.13	.32	.00	.00	.03	.00	.00	.61
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	29	209	88	27	32	33	27	26	31	26	26	17	1	0	5	1	0	578
(1)	5.02	36.16	15.22	4.67	5.54	5.71	4.67	4.50	5.36	4.50	4.50	2.94	.17	.00	.87	.17	.00	100.00
(2)	.76	5.51	2.32	.71	.84	.87	.71	.69	.82	.69	.69	.45	.03	.00	.13	.03	.00	15.23

(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 .50 MPH)

Table 2.7-86— SSES 197' (60m) 2001-2006 July JFD

SSES JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 4.11

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	3	9	21	8	8	9	5	3	3	0	1	0	0	0	1	0	0	71
(1)	1.92	5.77	13.46	5.13	5.13	5.77	3.21	1.92	1.92	.00	.64	.00	.00	.00	.64	.00	.00	45.51
(2)	.08	.24	.55	.21	.21	.24	.13	.08	.08	.00	.03	.00	.00	.00	.03	.00	.00	1.87
4-7	5	36	12	2	0	0	2	0	1	7	10	3	0	1	2	1	0	82
(1)	3.21	23.08	7.69	1.28	.00	.00	1.28	.00	.64	4.49	6.41	1.92	.00	.64	1.28	.64	.00	52.56
(2)	.13	.95	.32	.05	.00	.00	.05	.00	.03	.18	.26	.08	.00	.03	.05	.03	.00	2.16
8-12	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.64	.64	.00	.00	.64	.00	.00	1.92
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.03	.00	.00	.03	.00	.00	.08
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	8	45	33	10	8	9	7	3	4	7	12	4	0	1	4	1	0	156
(1)	5.13	28.85	21.15	6.41	5.13	5.77	4.49	1.92	2.56	4.49	7.69	2.56	.00	.64	2.56	.64	.00	100.00
(2)	.21	1.19	.87	.26	.21	.24	.18	.08	.11	.18	.32	.11	.00	.03	.11	.03	.00	4.11

(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 .50 MPH)

Table 2.7-86— SSES 197' (60m) 2001-2006 July JFD

SSES 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	1	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03
(2)	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03
C-3	21	130	215	110	97	90	89	77	89	62	46	19	6	2	5	3	0	1061
(1)	.55	3.43	5.67	2.90	2.56	2.37	2.35	2.03	2.35	1.63	1.21	.50	.16	.05	.13	.08	.00	27.96
(2)	.55	3.43	5.67	2.90	2.56	2.37	2.35	2.03	2.35	1.63	1.21	.50	.16	.05	.13	.08	.00	27.96
4-7	119	387	165	66	50	36	52	46	45	138	224	67	14	16	28	27	0	1480
(1)	3.14	10.20	4.35	1.74	1.32	.95	1.37	1.21	1.19	3.64	5.90	1.77	.37	.42	.74	.71	.00	39.00
(2)	3.14	10.20	4.35	1.74	1.32	.95	1.37	1.21	1.19	3.64	5.90	1.77	.37	.42	.74	.71	.00	39.00
8-12	67	63	16	18	14	15	41	18	69	103	232	187	39	26	48	50	0	1006
(1)	1.77	1.66	.42	.47	.37	.40	1.08	.47	1.82	2.71	6.11	4.93	1.03	.69	1.26	1.32	.00	26.51
(2)	1.77	1.66	.42	.47	.37	.40	1.08	.47	1.82	2.71	6.11	4.93	1.03	.69	1.26	1.32	.00	26.51
13-18	6	13	0	2	0	0	3	2	13	23	62	102	8	2	2	3	0	241
(1)	.16	.34	.00	.05	.00	.00	.08	.05	.34	.61	1.63	2.69	.21	.05	.05	.08	.00	6.35
(2)	.16	.34	.00	.05	.00	.00	.08	.05	.34	.61	1.63	2.69	.21	.05	.05	.08	.00	6.35
19-24	0	0	0	0	0	0	0	0	1	2	0	3	0	0	0	0	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.03	.05	.00	.08	.00	.00	.00	.00	.00	.16
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.03	.05	.00	.08	.00	.00	.00	.00	.00	.16
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	213	593	396	196	162	141	185	143	217	328	564	378	67	46	83	83	0	3795
(1)	5.61	15.63	10.43	5.16	4.27	3.72	4.87	3.77	5.72	8.64	14.86	9.96	1.77	1.21	2.19	2.19	.00	100.00
(2)	5.61	15.63	10.43	5.16	4.27	3.72	4.87	3.77	5.72	8.64	14.86	9.96	1.77	1.21	2.19	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 .50 MPH)

Table 2.7-87— SSES 197' (60m) 2001-2006 August JFD

SSES AUGUST 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 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	12	10	7	4	4	1	4	8	4	1	0	1	0	0	0	59
(1)	.00	.62	2.48	2.07	1.45	.83	.83	.21	.83	1.65	.83	.21	.00	.21	.00	.00	.00	12.19
(2)	.00	.07	.27	.23	.16	.09	.09	.02	.09	.18	.09	.02	.00	.02	.00	.00	.00	1.33
4-7	7	9	25	6	4	4	8	7	12	17	35	5	0	0	1	0	0	140
(1)	1.45	1.86	5.17	1.24	.83	.83	1.65	1.45	2.48	3.51	7.23	1.03	.00	.00	.21	.00	.00	28.93
(2)	.16	.20	.57	.14	.09	.09	.18	.16	.27	.38	.79	.11	.00	.00	.02	.00	.00	3.16
8-12	20	17	7	0	0	0	0	4	12	18	76	33	15	6	2	6	0	216
(1)	4.13	3.51	1.45	.00	.00	.00	.00	.83	2.48	3.72	15.70	6.82	3.10	1.24	.41	1.24	.00	44.63
(2)	.45	.38	.16	.00	.00	.00	.00	.09	.27	.41	1.72	.75	.34	.14	.05	.14	.00	4.88
13-18	2	7	0	0	0	3	0	0	5	4	24	21	3	0	0	0	0	69
(1)	.41	1.45	.00	.00	.00	.62	.00	.00	1.03	.83	4.96	4.34	.62	.00	.00	.00	.00	14.26
(2)	.05	.16	.00	.00	.00	.07	.00	.00	.11	.09	.54	.47	.07	.00	.00	.00	.00	1.56
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	36	44	16	11	11	12	12	33	47	139	60	18	7	3	6	0	484
(1)	5.99	7.44	9.09	3.31	2.27	2.27	2.48	2.48	6.82	9.71	28.72	12.40	3.72	1.45	.62	1.24	.00	100.00
(2)	.66	.81	.99	.36	.25	.25	.27	.27	.75	1.06	3.14	1.36	.41	.16	.07	.14	.00	10.94

(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 .50 MPH)

Table 2.7-87— SSES 197' (60m) 2001-2006 August JFD

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS B — 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	1	2	3	5	5	2	1	0	0	1	0	0	0	0	1	0	0	21
(1)	.58	1.16	1.74	2.91	2.91	1.16	.58	.00	.00	.58	.00	.00	.00	.00	.58	.00	.00	12.21
(2)	.02	.05	.07	.11	.11	.05	.02	.00	.00	.02	.00	.00	.00	.00	.02	.00	.00	.47
4-7	4	8	8	8	0	2	1	2	2	4	12	0	0	1	1	0	0	53
(1)	2.33	4.65	4.65	4.65	.00	1.16	.58	1.16	1.16	2.33	6.98	.00	.00	.58	.58	.00	.00	30.81
(2)	.09	.18	.18	.18	.00	.05	.02	.05	.05	.09	.27	.00	.00	.02	.02	.00	.00	1.20
8-12	7	11	0	0	1	0	1	1	1	5	26	11	4	4	2	5	0	79
(1)	4.07	6.40	.00	.00	.58	.00	.58	.58	.58	2.91	15.12	6.40	2.33	2.33	1.16	2.91	.00	45.93
(2)	.16	.25	.00	.00	.02	.00	.02	.02	.02	.11	.59	.25	.09	.09	.05	.11	.00	1.79
13-18	4	1	0	0	0	1	0	0	1	5	2	4	1	0	0	0	0	19
(1)	2.33	.58	.00	.00	.00	.58	.00	.00	.58	2.91	1.16	2.33	.58	.00	.00	.00	.00	11.05
(2)	.09	.02	.00	.00	.00	.02	.00	.00	.02	.11	.05	.09	.02	.00	.00	.00	.00	.43
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	16	22	11	13	6	5	3	3	4	15	40	15	5	5	4	5	0	172
(1)	9.30	12.79	6.40	7.56	3.49	2.91	1.74	1.74	2.33	8.72	23.26	8.72	2.91	2.91	2.33	2.91	.00	100.00
(2)	.36	.50	.25	.29	.14	.11	.07	.07	.09	.34	.90	.34	.11	.11	.09	.11	.00	3.89

(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 .50 MPH)

Table 2.7-87— SSES 197' (60m) 2001-2006 August JFD

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 4.91

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	1	4	4	7	5	1	0	2	6	3	1	0	0	1	0	1	0	36
(1)	.46	1.84	1.84	3.23	2.30	.46	.00	.92	2.76	1.38	.46	.00	.00	.46	.00	.46	.00	16.59
(2)	.02	.09	.09	.16	.11	.02	.00	.05	.14	.07	.02	.00	.00	.02	.00	.02	.00	.81
4-7	3	12	7	4	2	0	0	4	4	9	10	1	0	1	0	1	0	58
(1)	1.38	5.53	3.23	1.84	.92	.00	.00	1.84	1.84	4.15	4.61	.46	.00	.46	.00	.46	.00	26.73
(2)	.07	.27	.16	.09	.05	.00	.00	.09	.09	.20	.23	.02	.00	.02	.00	.02	.00	1.31
8-12	10	10	4	0	0	0	1	2	3	3	28	23	4	2	3	6	0	99
(1)	4.61	4.61	1.84	.00	.00	.00	.46	.92	1.38	1.38	12.90	10.60	1.84	.92	1.38	2.76	.00	45.62
(2)	.23	.23	.09	.00	.00	.00	.02	.05	.07	.07	.63	.52	.09	.05	.07	.14	.00	2.24
13-18	1	2	0	0	0	0	0	0	0	3	7	6	0	2	0	0	0	21
(1)	.46	.92	.00	.00	.00	.00	.00	.00	.00	1.38	3.23	2.76	.00	.92	.00	.00	.00	9.68
(2)	.02	.05	.00	.00	.00	.00	.00	.00	.00	.07	.16	.14	.00	.05	.00	.00	.00	.47
19-24	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.38	.00	.00	.00	.00	.00	1.38
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.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	15	28	15	11	7	1	1	8	13	18	46	33	4	6	3	8	0	217
(1)	6.91	12.90	6.91	5.07	3.23	.46	.46	3.69	5.99	8.29	21.20	15.21	1.84	2.76	1.38	3.69	.00	100.00
(2)	.34	.63	.34	.25	.16	.02	.02	.18	.29	.41	1.04	.75	.09	.14	.07	.18	.00	4.91

(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 .50 MPH)

Table 2.7-87— SSES 197' (60m) 2001-2006 August JFD

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 27.44

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	12	54	52	22	30	14	16	19	27	21	22	11	3	2	3	6	0	314
(1)	.99	4.45	4.28	1.81	2.47	1.15	1.32	1.57	2.22	1.73	1.81	.91	.25	.16	.25	.49	.00	25.86
(2)	.27	1.22	1.18	.50	.68	.32	.36	.43	.61	.47	.50	.25	.07	.05	.07	.14	.00	7.10
4-7	29	61	24	17	17	15	18	17	21	47	75	28	12	7	4	16	0	408
(1)	2.39	5.02	1.98	1.40	1.40	1.24	1.48	1.40	1.73	3.87	6.18	2.31	.99	.58	.33	1.32	.00	33.61
(2)	.66	1.38	.54	.38	.38	.34	.41	.38	.47	1.06	1.70	.63	.27	.16	.09	.36	.00	9.22
8-12	52	48	22	2	6	19	3	17	26	36	76	54	10	13	14	31	0	429
(1)	4.28	3.95	1.81	.16	.49	1.57	.25	1.40	2.14	2.97	6.26	4.45	.82	1.07	1.15	2.55	.00	35.34
(2)	1.18	1.08	.50	.05	.14	.43	.07	.38	.59	.81	1.72	1.22	.23	.29	.32	.70	.00	9.70
13-18	3	4	0	0	3	3	0	0	10	10	10	11	4	1	1	3	0	63
(1)	.25	.33	.00	.00	.25	.25	.00	.00	.82	.82	.82	.91	.33	.08	.08	.25	.00	5.19
(2)	.07	.09	.00	.00	.07	.07	.00	.00	.23	.23	.23	.25	.09	.02	.02	.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	96	167	98	41	56	51	37	53	84	114	183	104	29	23	22	56	0	1214
(1)	7.91	13.76	8.07	3.38	4.61	4.20	3.05	4.37	6.92	9.39	15.07	8.57	2.39	1.89	1.81	4.61	.00	100.00
(2)	2.17	3.77	2.22	.93	1.27	1.15	.84	1.20	1.90	2.58	4.14	2.35	.66	.52	.50	1.27	.00	27.44

(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 .50 MPH)

Table 2.7-87— SSES 197' (60m) 2001-2006 August JFD

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 32.32

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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
C-3	23	91	106	49	40	32	28	28	36	24	15	7	6	5	2	6	0	498
(1)	1.61	6.36	7.41	3.43	2.80	2.24	1.96	1.96	2.52	1.68	1.05	.49	.42	.35	.14	.42	.00	34.83
(2)	.52	2.06	2.40	1.11	.90	.72	.63	.63	.81	.54	.34	.16	.14	.11	.05	.14	.00	11.26
4-7	68	203	65	24	15	14	26	38	54	48	60	16	4	6	5	5	0	651
(1)	4.76	14.20	4.55	1.68	1.05	.98	1.82	2.66	3.78	3.36	4.20	1.12	.28	.42	.35	.35	.00	45.52
(2)	1.54	4.59	1.47	.54	.34	.32	.59	.86	1.22	1.08	1.36	.36	.09	.14	.11	.11	.00	14.72
8-12	17	30	20	1	2	2	5	13	29	49	39	30	1	2	3	7	0	250
(1)	1.19	2.10	1.40	.07	.14	.14	.35	.91	2.03	3.43	2.73	2.10	.07	.14	.21	.49	.00	17.48
(2)	.38	.68	.45	.02	.05	.05	.11	.29	.66	1.11	.88	.68	.02	.05	.07	.16	.00	5.65
13-18	0	1	1	0	0	0	1	3	6	7	2	4	0	0	0	1	0	26
(1)	.00	.07	.07	.00	.00	.00	.07	.21	.42	.49	.14	.28	.00	.00	.00	.07	.00	1.82
(2)	.00	.02	.02	.00	.00	.00	.02	.07	.14	.16	.05	.09	.00	.00	.00	.02	.00	.59
19-24	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.07	.21	.00	.00	.00	.00	.00	.00	.00	.00	.28
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.07	.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	108	325	193	74	57	48	60	83	128	128	116	57	11	13	10	19	0	1430
(1)	7.55	22.73	13.50	5.17	3.99	3.36	4.20	5.80	8.95	8.95	8.11	3.99	.77	.91	.70	1.33	.00	100.00
(2)	2.44	7.35	4.36	1.67	1.29	1.08	1.36	1.88	2.89	2.89	2.62	1.29	.25	.29	.23	.43	.00	32.32

(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 .50 MPH)

Table 2.7-87— SSES 197' (60m) 2001-2006 August JFD

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 15.12

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	11	72	68	29	28	22	21	15	14	3	3	2	2	1	0	2	0	293
(1)	1.64	10.76	10.16	4.33	4.19	3.29	3.14	2.24	2.09	.45	.45	.30	.30	.15	.00	.30	.00	43.80
(2)	.25	1.63	1.54	.66	.63	.50	.47	.34	.32	.07	.07	.05	.05	.02	.00	.05	.00	6.62
4-7	50	210	23	1	3	1	2	4	4	12	17	6	1	0	1	1	0	336
(1)	7.47	31.39	3.44	.15	.45	.15	.30	.60	.60	1.79	2.54	.90	.15	.00	.15	.15	.00	50.22
(2)	1.13	4.75	.52	.02	.07	.02	.05	.09	.09	.27	.38	.14	.02	.00	.02	.02	.00	7.59
8-12	5	1	1	0	0	0	0	0	0	0	15	18	0	0	0	0	0	40
(1)	.75	.15	.15	.00	.00	.00	.00	.00	.00	.00	2.24	2.69	.00	.00	.00	.00	.00	5.98
(2)	.11	.02	.02	.00	.00	.00	.00	.00	.00	.00	.34	.41	.00	.00	.00	.00	.00	.90
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	66	283	92	30	31	23	23	19	18	15	35	26	3	1	1	3	0	669
(1)	9.87	42.30	13.75	4.48	4.63	3.44	3.44	2.84	2.69	2.24	5.23	3.89	.45	.15	.15	.45	.00	100.00
(2)	1.49	6.40	2.08	.68	.70	.52	.52	.43	.41	.34	.79	.59	.07	.02	.02	.07	.00	15.12

(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 .50 MPH)

Table 2.7-87— SSES 197' (60m) 2001-2006 August JFD

SSES AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS G — CLASS FREQUENCY (PERCENT) = 5.38

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	26	23	18	9	9	4	6	3	5	3	0	0	0	0	1	0	112
(1)	2.10	10.92	9.66	7.56	3.78	3.78	1.68	2.52	1.26	2.10	1.26	.00	.00	.00	.00	.42	.00	47.06
(2)	.11	.59	.52	.41	.20	.20	.09	.14	.07	.11	.07	.00	.00	.00	.00	.02	.00	2.53
4-7	19	71	11	2	1	0	0	0	3	6	7	1	0	0	1	0	0	122
(1)	7.98	29.83	4.62	.84	.42	.00	.00	.00	1.26	2.52	2.94	.42	.00	.00	.42	.00	.00	51.26
(2)	.43	1.60	.25	.05	.02	.00	.00	.00	.07	.14	.16	.02	.00	.00	.02	.00	.00	2.76
8-12	2	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	4
(1)	.84	.42	.00	.00	.00	.00	.00	.00	.00	.00	.42	.00	.00	.00	.00	.00	.00	1.68
(2)	.05	.02	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.09
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	26	98	34	20	10	9	4	6	6	11	11	1	0	0	1	1	0	238
(1)	10.92	41.18	14.29	8.40	4.20	3.78	1.68	2.52	2.52	4.62	4.62	.42	.00	.00	.42	.42	.00	100.00
(2)	.59	2.22	.77	.45	.23	.20	.09	.14	.14	.25	.25	.02	.00	.00	.02	.02	.00	5.38

(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 .50 MPH)

Table 2.7-87— SSES 197' (60m) 2001-2006 August JFD

SSES 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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
C-3	53	252	268	140	124	84	74	71	90	65	48	21	11	10	6	16	0	1333
(1)	1.20	5.70	6.06	3.16	2.80	1.90	1.67	1.60	2.03	1.47	1.08	.47	.25	.23	.14	.36	.00	30.13
(2)	1.20	5.70	6.06	3.16	2.80	1.90	1.67	1.60	2.03	1.47	1.08	.47	.25	.23	.14	.36	.00	30.13
4-7	180	574	163	62	42	36	55	72	100	143	216	57	17	15	13	23	0	1768
(1)	4.07	12.97	3.68	1.40	.95	.81	1.24	1.63	2.26	3.23	4.88	1.29	.38	.34	.29	.52	.00	39.96
(2)	4.07	12.97	3.68	1.40	.95	.81	1.24	1.63	2.26	3.23	4.88	1.29	.38	.34	.29	.52	.00	39.96
8-12	113	118	54	3	9	21	10	37	71	111	261	169	34	27	24	55	0	1117
(1)	2.55	2.67	1.22	.07	.20	.47	.23	.84	1.60	2.51	5.90	3.82	.77	.61	.54	1.24	.00	25.25
(2)	2.55	2.67	1.22	.07	.20	.47	.23	.84	1.60	2.51	5.90	3.82	.77	.61	.54	1.24	.00	25.25
13-18	10	15	1	0	3	7	1	3	22	29	45	46	8	3	1	4	0	198
(1)	.23	.34	.02	.00	.07	.16	.02	.07	.50	.66	1.02	1.04	.18	.07	.02	.09	.00	4.48
(2)	.23	.34	.02	.00	.07	.16	.02	.07	.50	.66	1.02	1.04	.18	.07	.02	.09	.00	4.48
19-24	0	0	0	0	0	0	0	1	3	0	0	3	0	0	0	0	0	7
(1)	.00	.00	.00	.00	.00	.00	.00	.02	.07	.00	.00	.07	.00	.00	.00	.00	.00	.16
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.07	.00	.00	.07	.00	.00	.00	.00	.00	.16
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	356	959	487	205	178	148	140	184	286	348	570	296	70	55	44	98	0	4424
(1)	8.05	21.68	11.01	4.63	4.02	3.35	3.16	4.16	6.46	7.87	12.88	6.69	1.58	1.24	.99	2.22	.00	100.00
(2)	8.05	21.68	11.01	4.63	4.02	3.35	3.16	4.16	6.46	7.87	12.88	6.69	1.58	1.24	.99	2.22	.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 .50 MPH)

Table 2.7-88— SSES 197' (60m) 2001-2006 September JFD

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 7.03

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	1	3	6	8	3	5	2	3	8	6	4	0	0	0	0	0	0	49
(1)	.33	.99	1.98	2.64	.99	1.65	.66	.99	2.64	1.98	1.32	.00	.00	.00	.00	.00	.00	16.17
(2)	.02	.07	.14	.19	.07	.12	.05	.07	.19	.14	.09	.00	.00	.00	.00	.00	.00	1.14
4-7	2	18	13	8	2	3	6	9	6	10	19	5	0	0	3	2	0	106
(1)	.66	5.94	4.29	2.64	.66	.99	1.98	2.97	1.98	3.30	6.27	1.65	.00	.00	.99	.66	.00	34.98
(2)	.05	.42	.30	.19	.05	.07	.14	.21	.14	.23	.44	.12	.00	.00	.07	.05	.00	2.46
8-12	8	6	1	0	0	0	2	12	16	16	34	12	3	2	2	2	0	116
(1)	2.64	1.98	.33	.00	.00	.00	.66	3.96	5.28	5.28	11.22	3.96	.99	.66	.66	.66	.00	38.28
(2)	.19	.14	.02	.00	.00	.00	.05	.28	.37	.37	.79	.28	.07	.05	.05	.05	.00	2.69
13-18	0	1	4	0	0	0	0	2	6	8	6	5	0	0	0	0	0	32
(1)	.00	.33	1.32	.00	.00	.00	.00	.66	1.98	2.64	1.98	1.65	.00	.00	.00	.00	.00	10.56
(2)	.00	.02	.09	.00	.00	.00	.00	.05	.14	.19	.14	.12	.00	.00	.00	.00	.00	.74
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	28	24	16	5	8	10	26	36	40	63	22	3	2	5	4	0	303
(1)	3.63	9.24	7.92	5.28	1.65	2.64	3.30	8.58	11.88	13.20	20.79	7.26	.99	.66	1.65	1.32	.00	100.00
(2)	.26	.65	.56	.37	.12	.19	.23	.60	.84	.93	1.46	.51	.07	.05	.12	.09	.00	7.03

(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 .50 MPH)

Table 2.7-88— SSES 197' (60m) 2001-2006 September JFD

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 3.74

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	4	4	0	2	1	0	1	4	0	0	0	0	0	0	0	19
(1)	.00	1.86	2.48	2.48	.00	1.24	.62	.00	.62	2.48	.00	.00	.00	.00	.00	.00	.00	11.80
(2)	.00	.07	.09	.09	.00	.05	.02	.00	.02	.09	.00	.00	.00	.00	.00	.00	.00	.44
4-7	2	3	7	1	0	2	1	1	4	6	19	2	3	0	2	3	0	56
(1)	1.24	1.86	4.35	.62	.00	1.24	.62	.62	2.48	3.73	11.80	1.24	1.86	.00	1.24	1.86	.00	34.78
(2)	.05	.07	.16	.02	.00	.05	.02	.02	.09	.14	.44	.05	.07	.00	.05	.07	.00	1.30
8-12	6	10	4	0	0	0	3	1	4	4	17	2	5	7	3	6	0	72
(1)	3.73	6.21	2.48	.00	.00	.00	1.86	.62	2.48	2.48	10.56	1.24	3.11	4.35	1.86	3.73	.00	44.72
(2)	.14	.23	.09	.00	.00	.00	.07	.02	.09	.09	.39	.05	.12	.16	.07	.14	.00	1.67
13-18	0	1	0	0	0	0	0	2	0	1	2	5	1	0	0	0	0	12
(1)	.00	.62	.00	.00	.00	.00	.00	1.24	.00	.62	1.24	3.11	.62	.00	.00	.00	.00	7.45
(2)	.00	.02	.00	.00	.00	.00	.00	.05	.00	.02	.05	.12	.02	.00	.00	.00	.00	.28
19-24	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	.62	.62	.00	1.24
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.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	8	17	15	5	0	4	5	4	9	15	38	9	9	7	6	10	0	161
(1)	4.97	10.56	9.32	3.11	.00	2.48	3.11	2.48	5.59	9.32	23.60	5.59	5.59	4.35	3.73	6.21	.00	100.00
(2)	.19	.39	.35	.12	.00	.09	.12	.09	.21	.35	.88	.21	.21	.16	.14	.23	.00	3.74

(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 .50 MPH)

Table 2.7-88— SSES 197' (60m) 2001-2006 September JFD

SSES SEPTEMBER 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 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	1	3	5	4	2	3	3	1	5	2	0	0	0	0	0	0	32
(1)	1.36	.45	1.36	2.27	1.82	.91	1.36	1.36	.45	2.27	.91	.00	.00	.00	.00	.00	.00	14.55
(2)	.07	.02	.07	.12	.09	.05	.07	.07	.02	.12	.05	.00	.00	.00	.00	.00	.00	.74
4-7	2	13	9	3	1	2	1	2	5	9	20	6	0	1	2	0	0	76
(1)	.91	5.91	4.09	1.36	.45	.91	.45	.91	2.27	4.09	9.09	2.73	.00	.45	.91	.00	.00	34.55
(2)	.05	.30	.21	.07	.02	.05	.02	.05	.12	.21	.46	.14	.00	.02	.05	.00	.00	1.76
8-12	13	14	3	1	0	1	2	2	5	7	16	8	4	11	3	7	0	97
(1)	5.91	6.36	1.36	.45	.00	.45	.91	.91	2.27	3.18	7.27	3.64	1.82	5.00	1.36	3.18	.00	44.09
(2)	.30	.32	.07	.02	.00	.02	.05	.05	.12	.16	.37	.19	.09	.26	.07	.16	.00	2.25
13-18	2	3	0	0	0	0	0	1	0	2	0	4	0	0	0	1	0	13
(1)	.91	1.36	.00	.00	.00	.00	.00	.45	.00	.91	.00	1.82	.00	.00	.00	.45	.00	5.91
(2)	.05	.07	.00	.00	.00	.00	.00	.02	.00	.05	.00	.09	.00	.00	.00	.02	.00	.30
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.91	.00	.91
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.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	31	15	9	5	5	6	8	11	23	38	18	4	12	5	10	0	220
(1)	9.09	14.09	6.82	4.09	2.27	2.27	2.73	3.64	5.00	10.45	17.27	8.18	1.82	5.45	2.27	4.55	.00	100.00
(2)	.46	.72	.35	.21	.12	.12	.14	.19	.26	.53	.88	.42	.09	.28	.12	.23	.00	5.10

(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 .50 MPH)

Table 2.7-88— SSES 197' (60m) 2001-2006 September JFD

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 29.10

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	6	34	61	23	22	23	12	14	27	21	23	3	3	3	2	5	0	282
(1)	.48	2.71	4.86	1.83	1.75	1.83	.96	1.12	2.15	1.67	1.83	.24	.24	.24	.16	.40	.00	22.49
(2)	.14	.79	1.42	.53	.51	.53	.28	.32	.63	.49	.53	.07	.07	.07	.05	.12	.00	6.54
4-7	31	60	44	14	19	13	15	13	17	35	54	25	12	7	7	19	0	385
(1)	2.47	4.78	3.51	1.12	1.52	1.04	1.20	1.04	1.36	2.79	4.31	1.99	.96	.56	.56	1.52	.00	30.70
(2)	.72	1.39	1.02	.32	.44	.30	.35	.30	.39	.81	1.25	.58	.28	.16	.16	.44	.00	8.93
8-12	42	75	23	10	7	19	16	17	35	35	50	47	14	13	22	27	0	452
(1)	3.35	5.98	1.83	.80	.56	1.52	1.28	1.36	2.79	2.79	3.99	3.75	1.12	1.04	1.75	2.15	.00	36.04
(2)	.97	1.74	.53	.23	.16	.44	.37	.39	.81	.81	1.16	1.09	.32	.30	.51	.63	.00	10.49
13-18	5	15	3	4	0	1	3	4	5	22	6	31	7	2	8	4	0	120
(1)	.40	1.20	.24	.32	.00	.08	.24	.32	.40	1.75	.48	2.47	.56	.16	.64	.32	.00	9.57
(2)	.12	.35	.07	.09	.00	.02	.07	.09	.12	.51	.14	.72	.16	.05	.19	.09	.00	2.78
19-24	0	0	1	1	0	0	0	0	4	3	0	0	1	0	0	0	0	10
(1)	.00	.00	.08	.08	.00	.00	.00	.00	.32	.24	.00	.00	.08	.00	.00	.00	.00	.80
(2)	.00	.00	.02	.02	.00	.00	.00	.00	.09	.07	.00	.00	.02	.00	.00	.00	.00	.23
GT 24	0	0	0	2	0	0	1	0	2	0	0	0	0	0	0	0	0	5
(1)	.00	.00	.00	.16	.00	.00	.08	.00	.16	.00	.00	.00	.00	.00	.00	.00	.00	.40
(2)	.00	.00	.00	.05	.00	.00	.02	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.12
ALL SPEEDS	84	184	132	54	48	56	47	48	90	116	133	106	37	25	39	55	0	1254
(1)	6.70	14.67	10.53	4.31	3.83	4.47	3.75	3.83	7.18	9.25	10.61	8.45	2.95	1.99	3.11	4.39	.00	100.00
(2)	1.95	4.27	3.06	1.25	1.11	1.30	1.09	1.11	2.09	2.69	3.09	2.46	.86	.58	.90	1.28	.00	29.10

(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 .50 MPH)

Table 2.7-88— SSES 197' (60m) 2001-2006 September JFD

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 31.48

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	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	20	56	74	42	32	24	23	21	23	16	12	8	3	0	0	4	0	358
(1)	1.47	4.13	5.45	3.10	2.36	1.77	1.69	1.55	1.69	1.18	.88	.59	.22	.00	.00	.29	.00	26.38
(2)	.46	1.30	1.72	.97	.74	.56	.53	.49	.53	.37	.28	.19	.07	.00	.00	.09	.00	8.31
4-7	40	176	67	22	18	9	17	20	38	31	34	26	10	7	5	4	0	524
(1)	2.95	12.97	4.94	1.62	1.33	.66	1.25	1.47	2.80	2.28	2.51	1.92	.74	.52	.37	.29	.00	38.61
(2)	.93	4.08	1.55	.51	.42	.21	.39	.46	.88	.72	.79	.60	.23	.16	.12	.09	.00	12.16
8-12	21	57	31	11	5	10	9	27	36	53	34	33	9	5	8	10	0	359
(1)	1.55	4.20	2.28	.81	.37	.74	.66	1.99	2.65	3.91	2.51	2.43	.66	.37	.59	.74	.00	26.46
(2)	.49	1.32	.72	.26	.12	.23	.21	.63	.84	1.23	.79	.77	.21	.12	.19	.23	.00	8.33
13-18	1	16	10	3	4	2	3	8	11	10	0	7	0	0	0	1	0	76
(1)	.07	1.18	.74	.22	.29	.15	.22	.59	.81	.74	.00	.52	.00	.00	.00	.07	.00	5.60
(2)	.02	.37	.23	.07	.09	.05	.07	.19	.26	.23	.00	.16	.00	.00	.00	.02	.00	1.76
19-24	0	1	11	3	0	0	2	2	7	2	0	0	0	0	0	0	0	28
(1)	.00	.07	.81	.22	.00	.00	.15	.15	.52	.15	.00	.00	.00	.00	.00	.00	.00	2.06
(2)	.00	.02	.26	.07	.00	.00	.05	.05	.16	.05	.00	.00	.00	.00	.00	.00	.00	.65
GT 24	0	4	0	2	1	1	3	0	0	1	0	0	0	0	0	0	0	12
(1)	.00	.29	.00	.15	.07	.07	.22	.00	.00	.07	.00	.00	.00	.00	.00	.00	.00	.88
(2)	.00	.09	.00	.05	.02	.02	.07	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.28
ALL SPEEDS	82	310	193	83	60	46	57	78	115	113	80	74	22	12	13	19	0	1357
(1)	6.04	22.84	14.22	6.12	4.42	3.39	4.20	5.75	8.47	8.33	5.90	5.45	1.62	.88	.96	1.40	.00	100.00
(2)	1.90	7.19	4.48	1.93	1.39	1.07	1.32	1.81	2.67	2.62	1.86	1.72	.51	.28	.30	.44	.00	31.48

(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 .50 MPH)

Table 2.7-88— SSES 197' (60m) 2001-2006 September JFD

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 16.22

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	4	56	69	21	8	17	16	5	10	7	3	1	1	0	1	4	0	223
(1)	.57	8.01	9.87	3.00	1.14	2.43	2.29	.72	1.43	1.00	.43	.14	.14	.00	.14	.57	.00	31.90
(2)	.09	1.30	1.60	.49	.19	.39	.37	.12	.23	.16	.07	.02	.02	.00	.02	.09	.00	5.17
4-7	60	257	28	6	3	3	1	4	15	20	11	5	4	2	2	1	0	422
(1)	8.58	36.77	4.01	.86	.43	.43	.14	.57	2.15	2.86	1.57	.72	.57	.29	.29	.14	.00	60.37
(2)	1.39	5.96	.65	.14	.07	.07	.02	.09	.35	.46	.26	.12	.09	.05	.05	.02	.00	9.79
8-12	6	11	2	0	0	0	0	3	9	10	4	6	0	0	1	1	0	53
(1)	.86	1.57	.29	.00	.00	.00	.00	.43	1.29	1.43	.57	.86	.00	.00	.14	.14	.00	7.58
(2)	.14	.26	.05	.00	.00	.00	.00	.07	.21	.23	.09	.14	.00	.00	.02	.02	.00	1.23
13-18	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	.14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.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	70	324	99	27	11	20	17	13	34	37	18	12	5	2	4	6	0	699
(1)	10.01	46.35	14.16	3.86	1.57	2.86	2.43	1.86	4.86	5.29	2.58	1.72	.72	.29	.57	.86	.00	100.00
(2)	1.62	7.52	2.30	.63	.26	.46	.39	.30	.79	.86	.42	.28	.12	.05	.09	.14	.00	16.22

(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 .50 MPH)

Table 2.7-88— SSES 197' (60m) 2001-2006 September JFD

SSES SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 7.33

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	2	27	21	20	13	11	8	7	8	5	1	0	0	2	0	0	0	125
(1)	.63	8.54	6.65	6.33	4.11	3.48	2.53	2.22	2.53	1.58	.32	.00	.00	.63	.00	.00	.00	39.56
(2)	.05	.63	.49	.46	.30	.26	.19	.16	.19	.12	.02	.00	.00	.05	.00	.00	.00	2.90
4-7	25	93	24	5	1	3	3	3	9	10	1	1	0	0	3	1	0	182
(1)	7.91	29.43	7.59	1.58	.32	.95	.95	.95	2.85	3.16	.32	.32	.00	.00	.95	.32	.00	57.59
(2)	.58	2.16	.56	.12	.02	.07	.07	.07	.21	.23	.02	.02	.00	.00	.07	.02	.00	4.22
8-12	1	1	0	0	0	0	0	0	0	3	2	1	0	0	1	0	0	9
(1)	.32	.32	.00	.00	.00	.00	.00	.00	.00	.95	.63	.32	.00	.00	.32	.00	.00	2.85
(2)	.02	.02	.00	.00	.00	.00	.00	.00	.00	.07	.05	.02	.00	.00	.02	.00	.00	.21
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	28	121	45	25	14	14	11	10	17	18	4	2	0	2	4	1	0	316
(1)	8.86	38.29	14.24	7.91	4.43	4.43	3.48	3.16	5.38	5.70	1.27	.63	.00	.63	1.27	.32	.00	100.00
(2)	.65	2.81	1.04	.58	.32	.32	.26	.23	.39	.42	.09	.05	.00	.05	.09	.02	.00	7.33

(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 .50 MPH)

Table 2.7-88— SSES 197' (60m) 2001-2006 September JFD

SSES 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	36	180	238	123	82	84	65	53	78	64	45	12	7	5	3	13	0	1088
(1)	.84	4.18	5.52	2.85	1.90	1.95	1.51	1.23	1.81	1.48	1.04	.28	.16	.12	.07	.30	.00	25.24
(2)	.84	4.18	5.52	2.85	1.90	1.95	1.51	1.23	1.81	1.48	1.04	.28	.16	.12	.07	.30	.00	25.24
4-7	162	620	192	59	44	35	44	52	94	121	158	70	29	17	24	30	0	1751
(1)	3.76	14.39	4.45	1.37	1.02	.81	1.02	1.21	2.18	2.81	3.67	1.62	.67	.39	.56	.70	.00	40.63
(2)	3.76	14.39	4.45	1.37	1.02	.81	1.02	1.21	2.18	2.81	3.67	1.62	.67	.39	.56	.70	.00	40.63
8-12	97	174	64	22	12	30	32	62	105	128	157	109	35	38	40	53	0	1158
(1)	2.25	4.04	1.48	.51	.28	.70	.74	1.44	2.44	2.97	3.64	2.53	.81	.88	.93	1.23	.00	26.87
(2)	2.25	4.04	1.48	.51	.28	.70	.74	1.44	2.44	2.97	3.64	2.53	.81	.88	.93	1.23	.00	26.87
13-18	8	36	17	7	4	3	6	18	22	43	14	52	8	2	8	6	0	254
(1)	.19	.84	.39	.16	.09	.07	.14	.42	.51	1.00	.32	1.21	.19	.05	.19	.14	.00	5.89
(2)	.19	.84	.39	.16	.09	.07	.14	.42	.51	1.00	.32	1.21	.19	.05	.19	.14	.00	5.89
19-24	0	1	12	4	0	0	2	2	11	5	0	0	1	0	1	3	0	42
(1)	.00	.02	.28	.09	.00	.00	.05	.05	.26	.12	.00	.00	.02	.00	.02	.07	.00	.97
(2)	.00	.02	.28	.09	.00	.00	.05	.05	.26	.12	.00	.00	.02	.00	.02	.07	.00	.97
GT 24	0	4	0	4	1	1	4	0	2	1	0	0	0	0	0	0	0	17
(1)	.00	.09	.00	.09	.02	.02	.09	.00	.05	.02	.00	.00	.00	.00	.00	.00	.00	.39
(2)	.00	.09	.00	.09	.02	.02	.09	.00	.05	.02	.00	.00	.00	.00	.00	.00	.00	.39
ALL SPEEDS	303	1015	523	219	143	153	153	187	312	362	374	243	80	62	76	105	0	4310
(1)	7.03	23.55	12.13	5.08	3.32	3.55	3.55	4.34	7.24	8.40	8.68	5.64	1.86	1.44	1.76	2.44	.00	100.00
(2)	7.03	23.55	12.13	5.08	3.32	3.55	3.55	4.34	7.24	8.40	8.68	5.64	1.86	1.44	1.76	2.44	.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 .50 MPH)

Table 2.7-89— SSES 197' (60m) 2001-2006 October JFD

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS A — CLASS FREQUENCY (PERCENT) = 2.54

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	0	0	1	4	1	1	0	2	2	2	0	0	0	1	0	0	14
(1)	.00	.00	.00	.90	3.60	.90	.90	.00	1.80	1.80	1.80	.00	.00	.00	.90	.00	.00	12.61
(2)	.00	.00	.00	.02	.09	.02	.02	.00	.05	.05	.05	.00	.00	.00	.02	.00	.00	.32
4-7	0	1	2	0	0	0	2	7	2	3	15	4	0	0	0	0	0	36
(1)	.00	.90	1.80	.00	.00	.00	1.80	6.31	1.80	2.70	13.51	3.60	.00	.00	.00	.00	.00	32.43
(2)	.00	.02	.05	.00	.00	.00	.05	.16	.05	.07	.34	.09	.00	.00	.00	.00	.00	.83
8-12	0	4	4	0	0	0	0	1	1	10	16	7	0	0	0	0	0	43
(1)	.00	3.60	3.60	.00	.00	.00	.00	.90	.90	9.01	14.41	6.31	.00	.00	.00	.00	.00	38.74
(2)	.00	.09	.09	.00	.00	.00	.00	.02	.02	.23	.37	.16	.00	.00	.00	.00	.00	.99
13-18	0	1	0	0	0	0	0	1	1	1	10	3	0	0	0	0	0	17
(1)	.00	.90	.00	.00	.00	.00	.00	.90	.90	.90	9.01	2.70	.00	.00	.00	.00	.00	15.32
(2)	.00	.02	.00	.00	.00	.00	.00	.02	.02	.02	.23	.07	.00	.00	.00	.00	.00	.39
19-24	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	.90	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.90
(2)	.00	.00	.00	.00	.00	.00	.02	.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	0	6	6	1	4	1	4	9	6	16	43	14	0	0	1	0	0	111
(1)	.00	5.41	5.41	.90	3.60	.90	3.60	8.11	5.41	14.41	38.74	12.61	.00	.00	.90	.00	.00	100.00
(2)	.00	.14	.14	.02	.09	.02	.09	.21	.14	.37	.99	.32	.00	.00	.02	.00	.00	2.54

(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 .50 MPH)

Table 2.7-89— SSES 197' (60m) 2001-2006 October JFD

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS B — CLASS FREQUENCY (PERCENT) = 2.41

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	1	0	2	1	1	1	2	0	1	0	0	0	0	0	12
(1)	1.90	.00	.95	.95	.00	1.90	.95	.95	.95	1.90	.00	.95	.00	.00	.00	.00	.00	11.43
(2)	.05	.00	.02	.02	.00	.05	.02	.02	.02	.05	.00	.02	.00	.00	.00	.00	.00	.28
4-7	1	2	2	2	0	0	1	0	0	4	7	1	0	0	0	0	0	20
(1)	.95	1.90	1.90	1.90	.00	.00	.95	.00	.00	3.81	6.67	.95	.00	.00	.00	.00	.00	19.05
(2)	.02	.05	.05	.05	.00	.00	.02	.00	.00	.09	.16	.02	.00	.00	.00	.00	.00	.46
8-12	0	3	3	0	0	0	1	3	0	3	14	8	4	0	0	1	0	40
(1)	.00	2.86	2.86	.00	.00	.00	.95	2.86	.00	2.86	13.33	7.62	3.81	.00	.00	.95	.00	38.10
(2)	.00	.07	.07	.00	.00	.00	.02	.07	.00	.07	.32	.18	.09	.00	.00	.02	.00	.92
13-18	0	2	0	0	0	0	1	1	1	1	8	11	2	0	0	0	0	27
(1)	.00	1.90	.00	.00	.00	.00	.95	.95	.95	.95	7.62	10.48	1.90	.00	.00	.00	.00	25.71
(2)	.00	.05	.00	.00	.00	.00	.02	.02	.02	.02	.18	.25	.05	.00	.00	.00	.00	.62
19-24	0	0	0	0	0	0	0	0	0	1	2	3	0	0	0	0	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.95	1.90	2.86	.00	.00	.00	.00	.00	5.71
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.05	.07	.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	3	7	6	3	0	2	4	5	2	11	31	24	6	0	0	1	0	105
(1)	2.86	6.67	5.71	2.86	.00	1.90	3.81	4.76	1.90	10.48	29.52	22.86	5.71	.00	.00	.95	.00	100.00
(2)	.07	.16	.14	.07	.00	.05	.09	.11	.05	.25	.71	.55	.14	.00	.00	.02	.00	2.41

(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 .50 MPH)

Table 2.7-89— SSES 197' (60m) 2001-2006 October JFD

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 3.71

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	2	1	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	6
(1)	1.23	.62	.00	.62	.00	.00	.00	.00	1.23	.00	.00	.00	.00	.00	.00	.00	.00	3.70
(2)	.05	.02	.00	.02	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.14
4-7	0	2	6	2	0	1	1	3	0	5	12	6	1	0	0	0	0	39
(1)	.00	1.23	3.70	1.23	.00	.62	.62	1.85	.00	3.09	7.41	3.70	.62	.00	.00	.00	.00	24.07
(2)	.00	.05	.14	.05	.00	.02	.02	.07	.00	.11	.28	.14	.02	.00	.00	.00	.00	.89
8-12	7	10	0	0	0	0	2	1	3	4	24	11	7	2	0	3	0	74
(1)	4.32	6.17	.00	.00	.00	.00	1.23	.62	1.85	2.47	14.81	6.79	4.32	1.23	.00	1.85	.00	45.68
(2)	.16	.23	.00	.00	.00	.00	.05	.02	.07	.09	.55	.25	.16	.05	.00	.07	.00	1.70
13-18	0	4	0	0	0	0	2	0	5	4	5	9	7	0	0	0	0	36
(1)	.00	2.47	.00	.00	.00	.00	1.23	.00	3.09	2.47	3.09	5.56	4.32	.00	.00	.00	.00	22.22
(2)	.00	.09	.00	.00	.00	.00	.05	.00	.11	.09	.11	.21	.16	.00	.00	.00	.00	.83
19-24	0	0	0	0	0	0	0	0	0	1	0	4	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.62	.00	2.47	.00	.00	.00	.00	.00	3.09
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.09	.00	.00	.00	.00	.00	.11
GT 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	1.23	.00	.00	.00	.00	.00	1.23
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.05
ALL SPEEDS	9	17	6	3	0	1	5	4	10	14	41	32	15	2	0	3	0	162
(1)	5.56	10.49	3.70	1.85	.00	.62	3.09	2.47	6.17	8.64	25.31	19.75	9.26	1.23	.00	1.85	.00	100.00
(2)	.21	.39	.14	.07	.00	.02	.11	.09	.23	.32	.94	.73	.34	.05	.00	.07	.00	3.71

(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 .50 MPH)

Table 2.7-89— SSES 197' (60m) 2001-2006 October JFD

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 37.61

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	10	22	37	36	18	12	12	19	22	23	17	8	1	0	3	4	0	244
(1)	.61	1.34	2.25	2.19	1.10	.73	.73	1.16	1.34	1.40	1.04	.49	.06	.00	.18	.24	.00	14.87
(2)	.23	.50	.85	.83	.41	.28	.28	.44	.50	.53	.39	.18	.02	.00	.07	.09	.00	5.59
4-7	22	67	48	13	20	12	22	15	16	25	51	36	13	11	5	16	0	392
(1)	1.34	4.08	2.93	.79	1.22	.73	1.34	.91	.98	1.52	3.11	2.19	.79	.67	.30	.98	.00	23.89
(2)	.50	1.54	1.10	.30	.46	.28	.50	.34	.37	.57	1.17	.83	.30	.25	.11	.37	.00	8.98
8-12	66	91	47	8	6	9	27	23	24	27	43	84	52	45	66	47	0	665
(1)	4.02	5.55	2.86	.49	.37	.55	1.65	1.40	1.46	1.65	2.62	5.12	3.17	2.74	4.02	2.86	.00	40.52
(2)	1.51	2.09	1.08	.18	.14	.21	.62	.53	.55	.62	.99	1.93	1.19	1.03	1.51	1.08	.00	15.24
13-18	7	13	3	0	0	2	5	4	5	17	15	52	43	39	30	8	0	243
(1)	.43	.79	.18	.00	.00	.12	.30	.24	.30	1.04	.91	3.17	2.62	2.38	1.83	.49	.00	14.81
(2)	.16	.30	.07	.00	.00	.05	.11	.09	.11	.39	.34	1.19	.99	.89	.69	.18	.00	5.57
19-24	0	0	0	0	0	0	4	0	1	3	1	56	6	0	0	0	0	71
(1)	.00	.00	.00	.00	.00	.00	.24	.00	.06	.18	.06	3.41	.37	.00	.00	.00	.00	4.33
(2)	.00	.00	.00	.00	.00	.00	.09	.00	.02	.07	.02	1.28	.14	.00	.00	.00	.00	1.63
GT 24	0	0	0	0	0	0	0	0	0	0	0	20	6	0	0	0	0	26
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.22	.37	.00	.00	.00	.00	1.58
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.46	.14	.00	.00	.00	.00	.60
ALL SPEEDS	105	193	135	57	44	35	70	61	68	95	127	256	121	95	104	75	0	1641
(1)	6.40	11.76	8.23	3.47	2.68	2.13	4.27	3.72	4.14	5.79	7.74	15.60	7.37	5.79	6.34	4.57	.00	100.00
(2)	2.41	4.42	3.09	1.31	1.01	.80	1.60	1.40	1.56	2.18	2.91	5.87	2.77	2.18	2.38	1.72	.00	37.61

(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 .50 MPH)

Table 2.7-89— SSES 197' (60m) 2001-2006 October JFD

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS E — CLASS FREQUENCY (PERCENT) = 32.50

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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
(2)	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
C-3	23	41	48	34	32	27	23	38	33	31	18	5	3	0	1	6	0	363
(1)	1.62	2.89	3.39	2.40	2.26	1.90	1.62	2.68	2.33	2.19	1.27	.35	.21	.00	.07	.42	.00	25.60
(2)	.53	.94	1.10	.78	.73	.62	.53	.87	.76	.71	.41	.11	.07	.00	.02	.14	.00	8.32
4-7	47	139	64	27	13	10	3	23	31	33	57	36	17	9	6	9	0	524
(1)	3.31	9.80	4.51	1.90	.92	.71	.21	1.62	2.19	2.33	4.02	2.54	1.20	.63	.42	.63	.00	36.95
(2)	1.08	3.19	1.47	.62	.30	.23	.07	.53	.71	.76	1.31	.83	.39	.21	.14	.21	.00	12.01
8-12	11	61	53	1	8	4	16	10	27	64	48	58	14	7	18	11	0	411
(1)	.78	4.30	3.74	.07	.56	.28	1.13	.71	1.90	4.51	3.39	4.09	.99	.49	1.27	.78	.00	28.98
(2)	.25	1.40	1.21	.02	.18	.09	.37	.23	.62	1.47	1.10	1.33	.32	.16	.41	.25	.00	9.42
13-18	0	13	6	0	0	3	7	8	8	18	10	33	2	0	1	1	0	110
(1)	.00	.92	.42	.00	.00	.21	.49	.56	.56	1.27	.71	2.33	.14	.00	.07	.07	.00	7.76
(2)	.00	.30	.14	.00	.00	.07	.16	.18	.18	.41	.23	.76	.05	.00	.02	.02	.00	2.52
19-24	0	0	0	0	0	0	1	0	1	3	0	4	0	0	0	0	0	9
(1)	.00	.00	.00	.00	.00	.00	.07	.00	.07	.21	.00	.28	.00	.00	.00	.00	.00	.63
(2)	.00	.00	.00	.00	.00	.00	.02	.00	.02	.07	.00	.09	.00	.00	.00	.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	81	254	171	63	53	44	50	79	100	149	133	136	36	16	26	27	0	1418
(1)	5.71	17.91	12.06	4.44	3.74	3.10	3.53	5.57	7.05	10.51	9.38	9.59	2.54	1.13	1.83	1.90	.00	100.00
(2)	1.86	5.82	3.92	1.44	1.21	1.01	1.15	1.81	2.29	3.42	3.05	3.12	.83	.37	.60	.62	.00	32.50

(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 .50 MPH)

Table 2.7-89— SSES 197' (60m) 2001-2006 October JFD

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS F — CLASS FREQUENCY (PERCENT) = 12.22

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	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
C-3	6	47	49	21	25	13	17	7	9	8	5	2	1	0	2	1	0	213
(1)	1.13	8.82	9.19	3.94	4.69	2.44	3.19	1.31	1.69	1.50	.94	.38	.19	.00	.38	.19	.00	39.96
(2)	.14	1.08	1.12	.48	.57	.30	.39	.16	.21	.18	.11	.05	.02	.00	.05	.02	.00	4.88
4-7	59	126	23	7	3	0	1	5	5	16	15	5	4	2	0	4	0	275
(1)	11.07	23.64	4.32	1.31	.56	.00	.19	.94	.94	3.00	2.81	.94	.75	.38	.00	.75	.00	51.59
(2)	1.35	2.89	.53	.16	.07	.00	.02	.11	.11	.37	.34	.11	.09	.05	.00	.09	.00	6.30
8-12	2	5	3	0	0	0	0	0	3	9	10	11	0	0	0	0	0	43
(1)	.38	.94	.56	.00	.00	.00	.00	.00	.56	1.69	1.88	2.06	.00	.00	.00	.00	.00	8.07
(2)	.05	.11	.07	.00	.00	.00	.00	.00	.07	.21	.23	.25	.00	.00	.00	.00	.00	.99
13-18	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
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	67	178	76	28	28	13	18	12	17	33	30	19	5	2	2	5	0	533
(1)	12.57	33.40	14.26	5.25	5.25	2.44	3.38	2.25	3.19	6.19	5.63	3.56	.94	.38	.38	.94	.00	100.00
(2)	1.54	4.08	1.74	.64	.64	.30	.41	.28	.39	.76	.69	.44	.11	.05	.05	.11	.00	12.22

(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 .50 MPH)

Table 2.7-89— SSES 197' (60m) 2001-2006 October JFD

SSES OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 9.01

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	36	44	21	22	8	10	8	10	6	2	0	0	1	0	0	0	173
(1)	1.27	9.16	11.20	5.34	5.60	2.04	2.54	2.04	2.54	1.53	.51	.00	.00	.25	.00	.00	.00	44.02
(2)	.11	.83	1.01	.48	.50	.18	.23	.18	.23	.14	.05	.00	.00	.02	.00	.00	.00	3.97
4-7	38	86	29	5	2	2	3	4	9	12	16	1	0	0	1	0	0	208
(1)	9.67	21.88	7.38	1.27	.51	.51	.76	1.02	2.29	3.05	4.07	.25	.00	.00	.25	.00	.00	52.93
(2)	.87	1.97	.66	.11	.05	.05	.07	.09	.21	.28	.37	.02	.00	.00	.02	.00	.00	4.77
8-12	0	1	0	0	1	0	0	0	0	3	4	3	0	0	0	0	0	12
(1)	.00	.25	.00	.00	.25	.00	.00	.00	.00	.76	1.02	.76	.00	.00	.00	.00	.00	3.05
(2)	.00	.02	.00	.00	.02	.00	.00	.00	.00	.07	.09	.07	.00	.00	.00	.00	.00	.28
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	43	123	73	26	25	10	13	12	19	21	22	4	0	1	1	0	0	393
(1)	10.94	31.30	18.58	6.62	6.36	2.54	3.31	3.05	4.83	5.34	5.60	1.02	.00	.25	.25	.00	.00	100.00
(2)	.99	2.82	1.67	.60	.57	.23	.30	.28	.44	.48	.50	.09	.00	.02	.02	.00	.00	9.01

(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 .50 MPH)

Table 2.7-89— SSES 197' (60m) 2001-2006 October JFD

SSES 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	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
(2)	.00	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
C-3	48	147	179	115	101	63	64	73	79	72	44	16	5	1	7	11	0	1025
(1)	1.10	3.37	4.10	2.64	2.31	1.44	1.47	1.67	1.81	1.65	1.01	.37	.11	.02	.16	.25	.00	23.49
(2)	1.10	3.37	4.10	2.64	2.31	1.44	1.47	1.67	1.81	1.65	1.01	.37	.11	.02	.16	.25	.00	23.49
4-7	167	423	174	56	38	25	33	57	63	98	173	89	35	22	12	29	0	1494
(1)	3.83	9.70	3.99	1.28	.87	.57	.76	1.31	1.44	2.25	3.97	2.04	.80	.50	.28	.66	.00	34.24
(2)	3.83	9.70	3.99	1.28	.87	.57	.76	1.31	1.44	2.25	3.97	2.04	.80	.50	.28	.66	.00	34.24
8-12	86	175	110	9	15	13	46	38	58	120	159	182	77	54	84	62	0	1288
(1)	1.97	4.01	2.52	.21	.34	.30	1.05	.87	1.33	2.75	3.64	4.17	1.76	1.24	1.93	1.42	.00	29.52
(2)	1.97	4.01	2.52	.21	.34	.30	1.05	.87	1.33	2.75	3.64	4.17	1.76	1.24	1.93	1.42	.00	29.52
13-18	7	33	9	0	0	5	15	14	20	41	48	109	54	39	31	9	0	434
(1)	.16	.76	.21	.00	.00	.11	.34	.32	.46	.94	1.10	2.50	1.24	.89	.71	.21	.00	9.95
(2)	.16	.76	.21	.00	.00	.11	.34	.32	.46	.94	1.10	2.50	1.24	.89	.71	.21	.00	9.95
19-24	0	0	0	0	0	0	6	0	2	8	3	67	6	0	0	0	0	92
(1)	.00	.00	.00	.00	.00	.00	.14	.00	.05	.18	.07	1.54	.14	.00	.00	.00	.00	2.11
(2)	.00	.00	.00	.00	.00	.00	.14	.00	.05	.18	.07	1.54	.14	.00	.00	.00	.00	2.11
GT 24	0	0	0	0	0	0	0	0	0	0	0	22	6	0	0	0	0	28
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.50	.14	.00	.00	.00	.00	.64
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.50	.14	.00	.00	.00	.00	.64
ALL SPEEDS	308	778	473	181	154	106	164	182	222	339	427	485	183	116	134	111	0	4363
(1)	7.06	17.83	10.84	4.15	3.53	2.43	3.76	4.17	5.09	7.77	9.79	11.12	4.19	2.66	3.07	2.54	.00	100.00
(2)	7.06	17.83	10.84	4.15	3.53	2.43	3.76	4.17	5.09	7.77	9.79	11.12	4.19	2.66	3.07	2.54	.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 .50 MPH)

Table 2.7-90— SSES 197' (60m) 2001-2006 November JFD

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = .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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	0	0	0	0	0	0	0	0	1	8	4	0	0	0	0	0	0	13
(1)	.00	.00	.00	.00	.00	.00	.00	.00	2.78	22.22	11.11	.00	.00	.00	.00	.00	.00	36.11
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.19	.10	.00	.00	.00	.00	.00	.00	.31
8-12	1	0	0	0	0	0	0	0	2	1	12	0	0	0	0	2	0	18
(1)	2.78	.00	.00	.00	.00	.00	.00	.00	5.56	2.78	33.33	.00	.00	.00	.00	5.56	.00	50.00
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.05	.02	.29	.00	.00	.00	.00	.05	.00	.43
13-18	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	2.78	.00	.00	5.56	.00	.00	.00	.00	.00	8.33
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.05	.00	.00	.00	.00	.00	.07
19-24	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.56	.00	.00	.00	.00	.00	.00	.00	5.56
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.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	1	0	0	0	0	0	0	0	4	11	16	2	0	0	0	2	0	36
(1)	2.78	.00	.00	.00	.00	.00	.00	.00	11.11	30.56	44.44	5.56	.00	.00	.00	5.56	.00	100.00
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.10	.26	.39	.05	.00	.00	.00	.05	.00	.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 .50 MPH)

Table 2.7-90— SSES 197' (60m) 2001-2006 November JFD

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 1.37

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	0	1	0	0	0	0	0	1	1	4	3	2	0	0	0	0	0	12
(1)	.00	1.75	.00	.00	.00	.00	.00	1.75	1.75	7.02	5.26	3.51	.00	.00	.00	.00	.00	21.05
(2)	.00	.02	.00	.00	.00	.00	.00	.02	.02	.10	.07	.05	.00	.00	.00	.00	.00	.29
8-12	0	0	0	0	0	0	0	0	2	2	11	7	2	0	0	0	0	24
(1)	.00	.00	.00	.00	.00	.00	.00	.00	3.51	3.51	19.30	12.28	3.51	.00	.00	.00	.00	42.11
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.05	.05	.26	.17	.05	.00	.00	.00	.00	.58
13-18	0	0	0	0	0	0	0	1	0	1	7	8	0	0	0	0	0	17
(1)	.00	.00	.00	.00	.00	.00	.00	1.75	.00	1.75	12.28	14.04	.00	.00	.00	.00	.00	29.82
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02	.17	.19	.00	.00	.00	.00	.00	.41
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	5.26	1.75	.00	.00	.00	.00	.00	.00	7.02
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.02	.00	.00	.00	.00	.00	.00	.10
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	1	0	0	0	0	0	2	3	10	22	17	2	0	0	0	0	57
(1)	.00	1.75	.00	.00	.00	.00	.00	3.51	5.26	17.54	38.60	29.82	3.51	.00	.00	.00	.00	100.00
(2)	.00	.02	.00	.00	.00	.00	.00	.05	.07	.24	.53	.41	.05	.00	.00	.00	.00	1.37

(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 .50 MPH)

Table 2.7-90— SSES 197' (60m) 2001-2006 November JFD

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 2.72

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	0	0	0	0	0	0	1	4	0	0	0	0	1	0	0	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.88	3.54	.00	.00	.00	.00	.88	.00	.00	.00	5.31
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.10	.00	.00	.00	.00	.02	.00	.00	.00	.14
4-7	0	1	2	0	0	0	0	0	0	3	6	0	0	0	0	0	0	12
(1)	.00	.88	1.77	.00	.00	.00	.00	.00	.00	2.65	5.31	.00	.00	.00	.00	.00	.00	10.62
(2)	.00	.02	.05	.00	.00	.00	.00	.00	.00	.07	.14	.00	.00	.00	.00	.00	.00	.29
8-12	2	1	1	0	0	0	1	4	6	1	17	14	1	0	1	2	0	51
(1)	1.77	.88	.88	.00	.00	.00	.88	3.54	5.31	.88	15.04	12.39	.88	.00	.88	1.77	.00	45.13
(2)	.05	.02	.02	.00	.00	.00	.02	.10	.14	.02	.41	.34	.02	.00	.02	.05	.00	1.23
13-18	4	1	0	0	0	0	0	2	1	3	4	19	1	0	1	3	0	39
(1)	3.54	.88	.00	.00	.00	.00	.00	1.77	.88	2.65	3.54	16.81	.88	.00	.88	2.65	.00	34.51
(2)	.10	.02	.00	.00	.00	.00	.00	.05	.02	.07	.10	.46	.02	.00	.02	.07	.00	.94
19-24	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.42	.00	.00	.00	.00	.00	4.42
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.12	.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	6	3	3	0	0	0	1	7	11	7	27	38	2	1	2	5	0	113
(1)	5.31	2.65	2.65	.00	.00	.00	.88	6.19	9.73	6.19	23.89	33.63	1.77	.88	1.77	4.42	.00	100.00
(2)	.14	.07	.07	.00	.00	.00	.02	.17	.26	.17	.65	.91	.05	.02	.05	.12	.00	2.72

(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 .50 MPH)

Table 2.7-90— SSES 197' (60m) 2001-2006 November JFD

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 40.51

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	12	15	10	10	8	14	17	18	17	13	1	1	1	0	0	0	142
(1)	.30	.71	.89	.59	.59	.48	.83	1.01	1.07	1.01	.77	.06	.06	.06	.00	.00	.00	8.44
(2)	.12	.29	.36	.24	.24	.19	.34	.41	.43	.41	.31	.02	.02	.02	.00	.00	.00	3.42
4-7	26	47	16	2	8	10	29	27	16	34	50	30	23	12	9	11	0	350
(1)	1.54	2.79	.95	.12	.48	.59	1.72	1.60	.95	2.02	2.97	1.78	1.37	.71	.53	.65	.00	20.80
(2)	.63	1.13	.39	.05	.19	.24	.70	.65	.39	.82	1.20	.72	.55	.29	.22	.26	.00	8.42
8-12	53	73	46	2	4	8	31	35	16	16	52	67	58	57	75	83	0	676
(1)	3.15	4.34	2.73	.12	.24	.48	1.84	2.08	.95	.95	3.09	3.98	3.45	3.39	4.46	4.93	.00	40.17
(2)	1.28	1.76	1.11	.05	.10	.19	.75	.84	.39	.39	1.25	1.61	1.40	1.37	1.81	2.00	.00	16.27
13-18	19	11	3	0	0	0	21	24	7	15	36	91	50	21	55	42	0	395
(1)	1.13	.65	.18	.00	.00	.00	1.25	1.43	.42	.89	2.14	5.41	2.97	1.25	3.27	2.50	.00	23.47
(2)	.46	.26	.07	.00	.00	.00	.51	.58	.17	.36	.87	2.19	1.20	.51	1.32	1.01	.00	9.51
19-24	0	0	0	0	0	0	4	11	6	6	6	22	8	23	3	3	0	92
(1)	.00	.00	.00	.00	.00	.00	.24	.65	.36	.36	.36	1.31	.48	1.37	.18	.18	.00	5.47
(2)	.00	.00	.00	.00	.00	.00	.10	.26	.14	.14	.14	.53	.19	.55	.07	.07	.00	2.21
GT 24	0	0	0	0	0	0	0	4	1	2	0	14	6	0	1	0	0	28
(1)	.00	.00	.00	.00	.00	.00	.00	.24	.06	.12	.00	.83	.36	.00	.06	.00	.00	1.66
(2)	.00	.00	.00	.00	.00	.00	.00	.10	.02	.05	.00	.34	.14	.00	.02	.00	.00	.67
ALL SPEEDS	103	143	80	14	22	26	99	118	64	90	157	225	146	114	143	139	0	1683
(1)	6.12	8.50	4.75	.83	1.31	1.54	5.88	7.01	3.80	5.35	9.33	13.37	8.67	6.77	8.50	8.26	.00	100.00
(2)	2.48	3.44	1.93	.34	.53	.63	2.38	2.84	1.54	2.17	3.78	5.42	3.51	2.74	3.44	3.35	.00	40.51

(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 .50 MPH)

Table 2.7-90— SSES 197' (60m) 2001-2006 November JFD

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 31.07

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	17	56	46	28	27	31	38	36	28	37	29	6	5	0	0	6	0	390
(1)	1.32	4.34	3.56	2.17	2.09	2.40	2.94	2.79	2.17	2.87	2.25	.46	.39	.00	.00	.46	.00	30.21
(2)	.41	1.35	1.11	.67	.65	.75	.91	.87	.67	.89	.70	.14	.12	.00	.00	.14	.00	9.39
4-7	44	68	49	21	22	12	14	28	23	39	52	28	14	5	11	10	0	440
(1)	3.41	5.27	3.80	1.63	1.70	.93	1.08	2.17	1.78	3.02	4.03	2.17	1.08	.39	.85	.77	.00	34.08
(2)	1.06	1.64	1.18	.51	.53	.29	.34	.67	.55	.94	1.25	.67	.34	.12	.26	.24	.00	10.59
8-12	17	30	13	2	0	5	8	13	15	57	49	50	9	5	16	9	0	298
(1)	1.32	2.32	1.01	.15	.00	.39	.62	1.01	1.16	4.42	3.80	3.87	.70	.39	1.24	.70	.00	23.08
(2)	.41	.72	.31	.05	.00	.12	.19	.31	.36	1.37	1.18	1.20	.22	.12	.39	.22	.00	7.17
13-18	0	3	2	1	0	0	4	7	14	29	9	38	2	0	3	2	0	114
(1)	.00	.23	.15	.08	.00	.00	.31	.54	1.08	2.25	.70	2.94	.15	.00	.23	.15	.00	8.83
(2)	.00	.07	.05	.02	.00	.00	.10	.17	.34	.70	.22	.91	.05	.00	.07	.05	.00	2.74
19-24	0	0	0	0	0	5	1	8	14	12	2	2	0	0	0	0	0	44
(1)	.00	.00	.00	.00	.00	.39	.08	.62	1.08	.93	.15	.15	.00	.00	.00	.00	.00	3.41
(2)	.00	.00	.00	.00	.00	.12	.02	.19	.34	.29	.05	.05	.00	.00	.00	.00	.00	1.06
GT 24	0	0	0	0	0	0	0	3	2	0	0	0	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.23	.15	.00	.00	.00	.00	.00	.00	.00	.00	.39
(2)	.00	.00	.00	.00	.00	.00	.00	.07	.05	.00	.00	.00	.00	.00	.00	.00	.00	.12
ALL SPEEDS	78	157	110	52	49	53	65	95	96	174	141	124	30	10	30	27	0	1291
(1)	6.04	12.16	8.52	4.03	3.80	4.11	5.03	7.36	7.44	13.48	10.92	9.60	2.32	.77	2.32	2.09	.00	100.00
(2)	1.88	3.78	2.65	1.25	1.18	1.28	1.56	2.29	2.31	4.19	3.39	2.98	.72	.24	.72	.65	.00	31.07

(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 .50 MPH)

Table 2.7-90— SSES 197' (60m) 2001-2006 November JFD

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 11.26

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	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	42	45	28	21	16	14	10	15	5	3	2	0	1	0	2	0	212
(1)	1.71	8.97	9.62	5.98	4.49	3.42	2.99	2.14	3.21	1.07	.64	.43	.00	.21	.00	.43	.00	45.30
(2)	.19	1.01	1.08	.67	.51	.39	.34	.24	.36	.12	.07	.05	.00	.02	.00	.05	.00	5.10
4-7	26	74	23	5	7	2	1	2	9	18	22	1	0	2	2	0	0	194
(1)	5.56	15.81	4.91	1.07	1.50	.43	.21	.43	1.92	3.85	4.70	.21	.00	.43	.43	.00	.00	41.45
(2)	.63	1.78	.55	.12	.17	.05	.02	.05	.22	.43	.53	.02	.00	.05	.05	.00	.00	4.67
8-12	1	5	3	0	0	2	0	0	1	11	12	19	0	0	1	0	0	55
(1)	.21	1.07	.64	.00	.00	.43	.00	.00	.21	2.35	2.56	4.06	.00	.00	.21	.00	.00	11.75
(2)	.02	.12	.07	.00	.00	.05	.00	.00	.02	.26	.29	.46	.00	.00	.02	.00	.00	1.32
13-18	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	7
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.50	.00	.00	.00	.00	.00	1.50
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.17	.00	.00	.00	.00	.00	.17
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	35	121	71	33	28	20	15	12	25	34	37	29	0	3	3	2	0	468
(1)	7.48	25.85	15.17	7.05	5.98	4.27	3.21	2.56	5.34	7.26	7.91	6.20	.00	.64	.64	.43	.00	100.00
(2)	.84	2.91	1.71	.79	.67	.48	.36	.29	.60	.82	.89	.70	.00	.07	.07	.05	.00	11.26

(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 .50 MPH)

Table 2.7-90— SSES 197' (60m) 2001-2006 November JFD

SSES NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 12.20

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	12	56	69	25	22	13	18	8	14	5	1	2	0	0	1	0	0	246
(1)	2.37	11.05	13.61	4.93	4.34	2.56	3.55	1.58	2.76	.99	.20	.39	.00	.00	.20	.00	.00	48.52
(2)	.29	1.35	1.66	.60	.53	.31	.43	.19	.34	.12	.02	.05	.00	.00	.02	.00	.00	5.92
4-7	39	97	37	6	1	2	2	3	14	12	16	4	2	1	4	0	0	240
(1)	7.69	19.13	7.30	1.18	.20	.39	.39	.59	2.76	2.37	3.16	.79	.39	.20	.79	.00	.00	47.34
(2)	.94	2.33	.89	.14	.02	.05	.05	.07	.34	.29	.39	.10	.05	.02	.10	.00	.00	5.78
8-12	1	5	2	0	0	1	0	0	0	3	3	6	0	0	0	0	0	21
(1)	.20	.99	.39	.00	.00	.20	.00	.00	.00	.59	.59	1.18	.00	.00	.00	.00	.00	4.14
(2)	.02	.12	.05	.00	.00	.02	.00	.00	.00	.07	.07	.14	.00	.00	.00	.00	.00	.51
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	52	158	108	31	23	16	20	11	28	20	20	12	2	1	5	0	0	507
(1)	10.26	31.16	21.30	6.11	4.54	3.16	3.94	2.17	5.52	3.94	3.94	2.37	.39	.20	.99	.00	.00	100.00
(2)	1.25	3.80	2.60	.75	.55	.39	.48	.26	.67	.48	.48	.29	.05	.02	.12	.00	.00	12.20

(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 .50 MPH)

Table 2.7-90— SSES 197' (60m) 2001-2006 November JFD

SSES NOVEMBER 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	42	166	175	91	80	68	84	72	79	64	46	11	6	3	1	8	0	996
(1)	1.01	4.00	4.21	2.19	1.93	1.64	2.02	1.73	1.90	1.54	1.11	.26	.14	.07	.02	.19	.00	23.97
(2)	1.01	4.00	4.21	2.19	1.93	1.64	2.02	1.73	1.90	1.54	1.11	.26	.14	.07	.02	.19	.00	23.97
4-7	135	288	127	34	38	26	46	61	64	118	153	65	39	20	26	21	0	1261
(1)	3.25	6.93	3.06	.82	.91	.63	1.11	1.47	1.54	2.84	3.68	1.56	.94	.48	.63	.51	.00	30.35
(2)	3.25	6.93	3.06	.82	.91	.63	1.11	1.47	1.54	2.84	3.68	1.56	.94	.48	.63	.51	.00	30.35
8-12	75	114	65	4	4	16	40	52	42	91	156	163	70	62	93	96	0	1143
(1)	1.81	2.74	1.56	.10	.10	.39	.96	1.25	1.01	2.19	3.75	3.92	1.68	1.49	2.24	2.31	.00	27.51
(2)	1.81	2.74	1.56	.10	.10	.39	.96	1.25	1.01	2.19	3.75	3.92	1.68	1.49	2.24	2.31	.00	27.51
13-18	23	15	5	1	0	0	25	34	23	48	56	165	53	21	59	47	0	575
(1)	.55	.36	.12	.02	.00	.00	.60	.82	.55	1.16	1.35	3.97	1.28	.51	1.42	1.13	.00	13.84
(2)	.55	.36	.12	.02	.00	.00	.60	.82	.55	1.16	1.35	3.97	1.28	.51	1.42	1.13	.00	13.84
19-24	0	0	0	0	0	5	5	19	20	23	9	29	8	23	3	3	0	147
(1)	.00	.00	.00	.00	.00	.12	.12	.46	.48	.55	.22	.70	.19	.55	.07	.07	.00	3.54
(2)	.00	.00	.00	.00	.00	.12	.12	.46	.48	.55	.22	.70	.19	.55	.07	.07	.00	3.54
GT 24	0	0	0	0	0	0	0	7	3	2	0	14	6	0	1	0	0	33
(1)	.00	.00	.00	.00	.00	.00	.00	.17	.07	.05	.00	.34	.14	.00	.02	.00	.00	.79
(2)	.00	.00	.00	.00	.00	.00	.00	.17	.07	.05	.00	.34	.14	.00	.02	.00	.00	.79
ALL SPEEDS	275	583	372	130	122	115	200	245	231	346	420	447	182	129	183	175	0	4155
(1)	6.62	14.03	8.95	3.13	2.94	2.77	4.81	5.90	5.56	8.33	10.11	10.76	4.38	3.10	4.40	4.21	.00	100.00
(2)	6.62	14.03	8.95	3.13	2.94	2.77	4.81	5.90	5.56	8.33	10.11	10.76	4.38	3.10	4.40	4.21	.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 .50 MPH)

Table 2.7-91— SSES 197' (60m) 2001-2006 December JFD

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = .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	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	2.86	.00	.00	.00	.00	.00	.00	2.86
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.02
4-7	0	0	0	0	1	0	0	0	3	8	4	0	0	0	0	0	0	16
(1)	.00	.00	.00	.00	2.86	.00	.00	.00	8.57	22.86	11.43	.00	.00	.00	.00	.00	.00	45.71
(2)	.00	.00	.00	.00	.02	.00	.00	.00	.07	.18	.09	.00	.00	.00	.00	.00	.00	.36
8-12	0	0	0	0	0	0	1	0	0	2	9	3	0	0	0	0	0	15
(1)	.00	.00	.00	.00	.00	.00	2.86	.00	.00	5.71	25.71	8.57	.00	.00	.00	.00	.00	42.86
(2)	.00	.00	.00	.00	.00	.00	.02	.00	.00	.04	.20	.07	.00	.00	.00	.00	.00	.34
13-18	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.71	2.86	.00	.00	.00	.00	.00	8.57
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.02	.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	0	0	0	0	1	0	1	0	3	10	16	4	0	0	0	0	0	35
(1)	.00	.00	.00	.00	2.86	.00	2.86	.00	8.57	28.57	45.71	11.43	.00	.00	.00	.00	.00	100.00
(2)	.00	.00	.00	.00	.02	.00	.02	.00	.07	.22	.36	.09	.00	.00	.00	.00	.00	.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 .50 MPH)

Table 2.7-91— SSES 197' (60m) 2001-2006 December JFD

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = .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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	0	0	0	0	0	0	0	0	0	3	8	1	0	0	0	0	0	12
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	8.82	23.53	2.94	.00	.00	.00	.00	.00	35.29
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.18	.02	.00	.00	.00	.00	.00	.27
8-12	0	0	1	0	0	0	0	0	0	0	15	3	0	0	1	0	0	20
(1)	.00	.00	2.94	.00	.00	.00	.00	.00	.00	.00	44.12	8.82	.00	.00	2.94	.00	.00	58.82
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.34	.07	.00	.00	.02	.00	.00	.45
13-18	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.94	2.94	.00	.00	.00	.00	.00	5.88
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00	.04
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	0	0	0	0	0	3	24	5	0	0	1	0	0	34
(1)	.00	.00	2.94	.00	.00	.00	.00	.00	.00	8.82	70.59	14.71	.00	.00	2.94	.00	.00	100.00
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.07	.54	.11	.00	.00	.02	.00	.00	.76

(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 .50 MPH)

Table 2.7-91— SSES 197' (60m) 2001-2006 December JFD

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS C — CLASS FREQUENCY (PERCENT) = 2.04

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	0	3	0	0	1	2	0	0	1	1	0	0	0	0	0	0	8
(1)	.00	.00	3.30	.00	.00	1.10	2.20	.00	.00	1.10	1.10	.00	.00	.00	.00	.00	.00	8.79
(2)	.00	.00	.07	.00	.00	.02	.04	.00	.00	.02	.02	.00	.00	.00	.00	.00	.00	.18
4-7	0	2	4	0	0	0	0	0	2	3	10	2	0	0	0	0	0	23
(1)	.00	2.20	4.40	.00	.00	.00	.00	.00	2.20	3.30	10.99	2.20	.00	.00	.00	.00	.00	25.27
(2)	.00	.04	.09	.00	.00	.00	.00	.00	.04	.07	.22	.04	.00	.00	.00	.00	.00	.52
8-12	1	1	0	0	0	0	1	0	1	0	9	6	1	0	0	6	0	26
(1)	1.10	1.10	.00	.00	.00	.00	1.10	.00	1.10	.00	9.89	6.59	1.10	.00	.00	6.59	.00	28.57
(2)	.02	.02	.00	.00	.00	.00	.02	.00	.02	.00	.20	.13	.02	.00	.00	.13	.00	.58
13-18	0	0	1	0	0	0	0	0	0	2	7	19	0	0	1	1	0	31
(1)	.00	.00	1.10	.00	.00	.00	.00	.00	.00	2.20	7.69	20.88	.00	.00	1.10	1.10	.00	34.07
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.04	.16	.43	.00	.00	.02	.02	.00	.69
19-24	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.30	.00	.00	.00	.00	.00	3.30
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.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	1	3	8	0	0	1	3	0	3	6	27	30	1	0	1	7	0	91
(1)	1.10	3.30	8.79	.00	.00	1.10	3.30	.00	3.30	6.59	29.67	32.97	1.10	.00	1.10	7.69	.00	100.00
(2)	.02	.07	.18	.00	.00	.02	.07	.00	.07	.13	.60	.67	.02	.00	.02	.16	.00	2.04

(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 .50 MPH)

Table 2.7-91— SSES 197' (60m) 2001-2006 December JFD

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS D — CLASS FREQUENCY (PERCENT) = 45.99

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	3	11	16	13	7	9	17	19	16	26	15	4	6	1	2	3	0	168
(1)	.15	.54	.78	.63	.34	.44	.83	.93	.78	1.27	.73	.19	.29	.05	.10	.15	.00	8.18
(2)	.07	.25	.36	.29	.16	.20	.38	.43	.36	.58	.34	.09	.13	.02	.04	.07	.00	3.76
4-7	20	33	31	27	15	8	23	21	11	37	73	41	18	15	13	6	0	392
(1)	.97	1.61	1.51	1.32	.73	.39	1.12	1.02	.54	1.80	3.56	2.00	.88	.73	.63	.29	.00	19.09
(2)	.45	.74	.69	.60	.34	.18	.52	.47	.25	.83	1.64	.92	.40	.34	.29	.13	.00	8.78
8-12	48	36	27	11	7	9	20	13	15	28	80	106	84	49	96	93	0	722
(1)	2.34	1.75	1.32	.54	.34	.44	.97	.63	.73	1.36	3.90	5.16	4.09	2.39	4.68	4.53	.00	35.17
(2)	1.08	.81	.60	.25	.16	.20	.45	.29	.34	.63	1.79	2.37	1.88	1.10	2.15	2.08	.00	16.17
13-18	8	11	5	0	2	1	3	3	0	16	50	279	78	61	65	84	0	666
(1)	.39	.54	.24	.00	.10	.05	.15	.15	.00	.78	2.44	13.59	3.80	2.97	3.17	4.09	.00	32.44
(2)	.18	.25	.11	.00	.04	.02	.07	.07	.00	.36	1.12	6.25	1.75	1.37	1.46	1.88	.00	14.92
19-24	0	0	0	0	0	0	0	0	0	6	2	57	19	4	2	1	0	91
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.29	.10	2.78	.93	.19	.10	.05	.00	4.43
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.13	.04	1.28	.43	.09	.04	.02	.00	2.04
GT 24	0	0	0	0	0	0	0	0	2	1	0	9	2	0	0	0	0	14
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.10	.05	.00	.44	.10	.00	.00	.00	.00	.68
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.04	.02	.00	.20	.04	.00	.00	.00	.00	.31
ALL SPEEDS	79	91	79	51	31	27	63	56	44	114	220	496	207	130	178	187	0	2053
(1)	3.85	4.43	3.85	2.48	1.51	1.32	3.07	2.73	2.14	5.55	10.72	24.16	10.08	6.33	8.67	9.11	.00	100.00
(2)	1.77	2.04	1.77	1.14	.69	.60	1.41	1.25	.99	2.55	4.93	11.11	4.64	2.91	3.99	4.19	.00	45.99

(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 .50 MPH)

Table 2.7-91— SSES 197' (60m) 2001-2006 December JFD

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA — STABILITY CLASS E — 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	11	31	54	27	22	20	29	47	35	30	25	6	4	1	1	6	0	349
(1)	.81	2.27	3.96	1.98	1.61	1.47	2.12	3.44	2.56	2.20	1.83	.44	.29	.07	.07	.44	.00	25.57
(2)	.25	.69	1.21	.60	.49	.45	.65	1.05	.78	.67	.56	.13	.09	.02	.02	.13	.00	7.82
4-7	36	47	37	17	10	15	16	22	20	47	75	45	14	14	4	9	0	428
(1)	2.64	3.44	2.71	1.25	.73	1.10	1.17	1.61	1.47	3.44	5.49	3.30	1.03	1.03	.29	.66	.00	31.36
(2)	.81	1.05	.83	.38	.22	.34	.36	.49	.45	1.05	1.68	1.01	.31	.31	.09	.20	.00	9.59
8-12	15	27	38	5	3	3	2	10	13	53	89	81	12	13	24	17	0	405
(1)	1.10	1.98	2.78	.37	.22	.22	.15	.73	.95	3.88	6.52	5.93	.88	.95	1.76	1.25	.00	29.67
(2)	.34	.60	.85	.11	.07	.07	.04	.22	.29	1.19	1.99	1.81	.27	.29	.54	.38	.00	9.07
13-18	0	9	5	0	3	6	4	5	3	13	10	80	5	0	11	4	0	158
(1)	.00	.66	.37	.00	.22	.44	.29	.37	.22	.95	.73	5.86	.37	.00	.81	.29	.00	11.58
(2)	.00	.20	.11	.00	.07	.13	.09	.11	.07	.29	.22	1.79	.11	.00	.25	.09	.00	3.54
19-24	0	0	0	0	1	3	3	3	1	0	2	4	1	0	0	0	0	18
(1)	.00	.00	.00	.00	.07	.22	.22	.22	.07	.00	.15	.29	.07	.00	.00	.00	.00	1.32
(2)	.00	.00	.00	.00	.02	.07	.07	.07	.02	.00	.04	.09	.02	.00	.00	.00	.00	.40
GT 24	0	0	0	0	0	1	0	0	2	2	0	2	0	0	0	0	0	7
(1)	.00	.00	.00	.00	.00	.07	.00	.00	.15	.15	.00	.15	.00	.00	.00	.00	.00	.51
(2)	.00	.00	.00	.00	.00	.02	.00	.00	.04	.04	.00	.04	.00	.00	.00	.00	.00	.16
ALL SPEEDS	62	114	134	49	39	48	54	87	74	145	201	218	36	28	40	36	0	1365
(1)	4.54	8.35	9.82	3.59	2.86	3.52	3.96	6.37	5.42	10.62	14.73	15.97	2.64	2.05	2.93	2.64	.00	100.00
(2)	1.39	2.55	3.00	1.10	.87	1.08	1.21	1.95	1.66	3.25	4.50	4.88	.81	.63	.90	.81	.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 .50 MPH)

Table 2.7-91— SSES 197' (60m) 2001-2006 December JFD

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	32	48	30	22	14	8	13	15	12	4	2	1	0	3	0	0	211
(1)	1.34	6.14	9.21	5.76	4.22	2.69	1.54	2.50	2.88	2.30	.77	.38	.19	.00	.58	.00	.00	40.50
(2)	.16	.72	1.08	.67	.49	.31	.18	.29	.34	.27	.09	.04	.02	.00	.07	.00	.00	4.73
4-7	30	64	26	2	2	2	2	4	15	30	32	6	0	2	5	4	0	226
(1)	5.76	12.28	4.99	.38	.38	.38	.38	.77	2.88	5.76	6.14	1.15	.00	.38	.96	.77	.00	43.38
(2)	.67	1.43	.58	.04	.04	.04	.04	.09	.34	.67	.72	.13	.00	.04	.11	.09	.00	5.06
8-12	1	1	1	0	0	0	2	0	2	9	20	37	0	0	2	1	0	76
(1)	.19	.19	.19	.00	.00	.00	.38	.00	.38	1.73	3.84	7.10	.00	.00	.38	.19	.00	14.59
(2)	.02	.02	.02	.00	.00	.00	.04	.00	.04	.20	.45	.83	.00	.00	.04	.02	.00	1.70
13-18	0	0	0	0	0	0	0	0	0	0	2	6	0	0	0	0	0	8
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.38	1.15	.00	.00	.00	.00	.00	1.54
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.13	.00	.00	.00	.00	.00	.18
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	97	75	32	24	16	12	17	32	51	58	51	1	2	10	5	0	521
(1)	7.29	18.62	14.40	6.14	4.61	3.07	2.30	3.26	6.14	9.79	11.13	9.79	.19	.38	1.92	.96	.00	100.00
(2)	.85	2.17	1.68	.72	.54	.36	.27	.38	.72	1.14	1.30	1.14	.02	.04	.22	.11	.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 .50 MPH)

Table 2.7-91— SSES 197' (60m) 2001-2006 December JFD

SSES DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 8.18

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	3	18	37	34	19	14	8	9	7	1	2	0	1	0	0	1	0	154
(1)	.82	4.93	10.14	9.32	5.21	3.84	2.19	2.47	1.92	.27	.55	.00	.27	.00	.00	.27	.00	42.19
(2)	.07	.40	.83	.76	.43	.31	.18	.20	.16	.02	.04	.00	.02	.00	.00	.02	.00	3.45
4-7	20	58	32	6	3	3	2	6	11	22	18	2	0	0	0	3	0	186
(1)	5.48	15.89	8.77	1.64	.82	.82	.55	1.64	3.01	6.03	4.93	.55	.00	.00	.00	.82	.00	50.96
(2)	.45	1.30	.72	.13	.07	.07	.04	.13	.25	.49	.40	.04	.00	.00	.00	.07	.00	4.17
8-12	0	0	0	0	0	1	0	0	1	4	9	9	0	0	0	0	0	24
(1)	.00	.00	.00	.00	.00	.27	.00	.00	.27	1.10	2.47	2.47	.00	.00	.00	.00	.00	6.58
(2)	.00	.00	.00	.00	.00	.02	.00	.00	.02	.09	.20	.20	.00	.00	.00	.00	.00	.54
13-18	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	.27	.00	.00	.00	.00	.00	.00	.00	.27
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.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	23	76	69	40	22	18	10	15	19	28	29	11	1	0	0	4	0	365
(1)	6.30	20.82	18.90	10.96	6.03	4.93	2.74	4.11	5.21	7.67	7.95	3.01	.27	.00	.00	1.10	.00	100.00
(2)	.52	1.70	1.55	.90	.49	.40	.22	.34	.43	.63	.65	.25	.02	.00	.00	.09	.00	8.18

(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 .50 MPH)

Table 2.7-91— SSES 197' (60m) 2001-2006 December JFD

SSES 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	24	92	158	104	70	58	64	88	73	70	48	12	12	2	6	10	0	891
(1)	.54	2.06	3.54	2.33	1.57	1.30	1.43	1.97	1.64	1.57	1.08	.27	.27	.04	.13	.22	.00	19.96
(2)	.54	2.06	3.54	2.33	1.57	1.30	1.43	1.97	1.64	1.57	1.08	.27	.27	.04	.13	.22	.00	19.96
4-7	106	204	130	52	31	28	43	53	62	150	220	97	32	31	22	22	0	1283
(1)	2.37	4.57	2.91	1.16	.69	.63	.96	1.19	1.39	3.36	4.93	2.17	.72	.69	.49	.49	.00	28.74
(2)	2.37	4.57	2.91	1.16	.69	.63	.96	1.19	1.39	3.36	4.93	2.17	.72	.69	.49	.49	.00	28.74
8-12	65	65	67	16	10	13	26	23	32	96	231	245	97	62	123	117	0	1288
(1)	1.46	1.46	1.50	.36	.22	.29	.58	.52	.72	2.15	5.17	5.49	2.17	1.39	2.76	2.62	.00	28.85
(2)	1.46	1.46	1.50	.36	.22	.29	.58	.52	.72	2.15	5.17	5.49	2.17	1.39	2.76	2.62	.00	28.85
13-18	8	20	11	0	5	7	7	8	3	32	72	386	83	61	77	89	0	869
(1)	.18	.45	.25	.00	.11	.16	.16	.18	.07	.72	1.61	8.65	1.86	1.37	1.72	1.99	.00	19.47
(2)	.18	.45	.25	.00	.11	.16	.16	.18	.07	.72	1.61	8.65	1.86	1.37	1.72	1.99	.00	19.47
19-24	0	0	0	0	1	3	3	3	1	6	4	64	20	4	2	1	0	112
(1)	.00	.00	.00	.00	.02	.07	.07	.07	.02	.13	.09	1.43	.45	.09	.04	.02	.00	2.51
(2)	.00	.00	.00	.00	.02	.07	.07	.07	.02	.13	.09	1.43	.45	.09	.04	.02	.00	2.51
GT 24	0	0	0	0	0	1	0	0	4	3	0	11	2	0	0	0	0	21
(1)	.00	.00	.00	.00	.00	.02	.00	.00	.09	.07	.00	.25	.04	.00	.00	.00	.00	.47
(2)	.00	.00	.00	.00	.00	.02	.00	.00	.09	.07	.00	.25	.04	.00	.00	.00	.00	.47
ALL SPEEDS	203	381	366	172	117	110	143	175	175	357	575	815	246	160	230	239	0	4464
(1)	4.55	8.53	8.20	3.85	2.62	2.46	3.20	3.92	3.92	8.00	12.88	18.26	5.51	3.58	5.15	5.35	.00	100.00
(2)	4.55	8.53	8.20	3.85	2.62	2.46	3.20	3.92	3.92	8.00	12.88	18.26	5.51	3.58	5.15	5.35	.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 .50 MPH)

Table 2.7-92— Monthly Mean Wind Speed and Prevailing Wind Direction (tens of degrees) for Sites Around Bell Bend Nuclear Power Plant

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/Scranton, PA	mph	8.1	8.3	8.7	8.4	7.6	6.8	6.5	6.2	6.6	7.0	7.7	7.8	7.5
	deg	240	250	330	350	230	240	250	110	230	240	240	240	240
Allentown, PA	mph	8.8	9.1	9.6	9.1	8.2	7.4	6.7	6.2	6.6	7.1	7.9	8.3	7.9
	deg	280	280	300	330	240	250	240	240	240	250	250	270	280
Williamsport, PA	mph	8.1	8.1	8.3	8.1	7.0	6.3	5.8	5.3	5.6	6.0	7.2	7.4	6.9
	deg	280	280	280	280	280	280	280	280	280	280	280	280	280

Table 2.7-93— Monthly Maximum Two-Minute Wind Speed and Direction (tens of degrees) for Sites Around Bell Bend Nuclear Power Plant

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/Scranton, PA	mph	36	38	39	34	45	36	39	46	45	36	40	43	46
	deg	230	260	280	260	310	290	360	250	320	280	270	260	250
Allentown, PA	mph	43	38	46	40	53	33	38	32	35	35	39	39	53
	deg	190	290	80	270	250	340	250	300	70	270	270	200	250
Williamsport, PA	mph	43	45	43	39	47	45	33	37	44	40	43	39	47
	deg	240	260	240	260	250	250	220	360	250	260	250	260	250

Table 2.7-94— Monthly Maximum Five-Second Wind Speed and Direction (tens of degrees) for Sites Around Bell Bend Nuclear Power Plant

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Wilkes-Barre/Scranton, PA	mph	49	47	53	45	55	45	47	55	51	48	52	55	55
	deg	130	270	250	250	310	310	10	230	350	280	260	200	200
Allentown, PA	mph	53	53	56	53	68	46	47	40	47	48	51	51	68
	deg	160	340	80	260	250	300	250	290	160	290	300	200	250
Williamsport, PA	mph	49	59	55	51	67	59	60	58	52	54	56	53	67
	deg	270	260	250	310	250	260	280	270	110	280	260	290	250

Table 2.7-95— SSES 33' (10m) Wind Direction Persistence Summary for 2001

SSES JAN01-DEC01 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**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	149	48	19	14	10	1	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	246
	61	80	88	93	98	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNE	198	58	25	7	11	6	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	306
	65	84	92	94	98	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NE	333	93	23	7	3	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	462
	72	92	97	99	99	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENE	385	125	52	34	18	22	8	4	8	3	3	2	4	1	1	0	0	0	0	0	0	0	0	0	0	670
	57	76	84	89	92	95	96	97	98	98	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	
E	394	96	28	13	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	535
	74	92	97	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	274	43	8	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	330
	83	96	98	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	253	39	12	8	3	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	319
	79	92	95	98	99	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	216	32	17	9	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	281
	77	88	94	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S	245	76	21	12	5	5	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	365
	67	88	94	97	98	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSW	249	70	40	12	3	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	377
	66	85	95	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 2.7-95— SSES 33' (10m) Wind Direction Persistence Summary for 2001

SSES JAN01-DEC01 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**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**
SW	233	92	52	32	12	7	2	5	0	1	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	440
	53	74	86	93	96	97	98	99	99	99	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	
WSW	159	55	21	7	7	5	3	2	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	263
	60	81	89	92	95	97	98	98	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
W	99	27	8	3	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	142
	70	89	94	96	97	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	92	18	6	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	118
	78	93	98	98	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NW	101	38	11	10	3	6	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	172
	59	81	87	93	95	98	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNW	114	31	18	9	6	3	4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	187
	61	78	87	92	95	97	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	3494	941	361	180	92	63	26	15	14	9	6	4	5	1	1	1	0	0	0	0	0	0	0	0	0	5213

Table 2.7-96— SSES 33' (10m) Wind Direction Persistence Summary for 2002

SSES JAN02-DEC02 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**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	136	33	23	13	10	4	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	223
	61	76	86	92	96	98	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNE	193	78	31	14	5	4	3	0	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	333
	58	81	91	95	96	98	98	98	99	99	99	99	100	100	100	100	100	100	100	100	100	100	100	100	100	
NE	366	78	28	13	6	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	494
	74	90	96	98	99	99	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENE	310	98	45	22	12	13	7	9	6	9	4	3	1	2	0	0	0	0	0	0	0	0	0	0	0	541
	57	75	84	88	90	92	94	95	96	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	
E	348	75	20	4	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	449
	78	94	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	271	36	9	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	320
	85	96	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	251	27	9	5	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	295
	85	94	97	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	206	52	13	8	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	282
	73	91	96	99	99	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S	259	58	27	15	4	5	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	371
	70	85	93	97	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSW	304	74	30	11	10	3	4	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	441
	69	86	93	95	97	98	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 2.7-96— SSES 33' (10m) Wind Direction Persistence Summary for 2002

SSES JAN02-DEC02 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																								
DIRECTION	**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**
SW	236	96	65	27	16	14	12	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	468
	50	71	85	91	94	97	100	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
WSW	193	65	16	10	6	5	7	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	305
	63	85	90	93	95	97	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W	117	32	11	7	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	172
	68	87	93	97	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	85	26	4	1	2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	120
	71	93	96	97	98	98	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NW	95	22	10	6	3	3	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	143
	66	82	89	93	95	97	97	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNW	88	34	14	6	8	3	3	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	161
	55	76	84	88	93	95	97	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	3458	884	355	163	88	58	44	22	15	14	6	5	3	2	0	0	0	0	0	0	0	0	0	0	1	5118

Table 2.7-97— SSES 33' (10m) Wind Direction Persistence Summary for 2003

SSES JAN03-DEC03 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**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	114	33	18	8	5	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	186
	61	79	89	93	96	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNE	226	85	32	13	10	1	4	4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	376
	60	83	91	95	97	98	99	100	100	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	
NE	366	110	42	17	15	5	6	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	565
	65	84	92	95	97	98	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENE	324	95	44	33	15	16	10	4	3	5	4	4	1	0	0	0	0	0	0	0	0	0	0	0	0	558
	58	75	83	89	92	94	96	97	97	98	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
E	372	68	19	4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	464
	80	95	99	100	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	261	51	10	6	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	332
	79	94	97	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	286	44	28	8	7	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	375
	76	88	95	98	99	100	100	100	100	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	
SSE	239	36	15	8	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	302
	79	91	96	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S	258	70	20	5	1	3	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	361
	71	91	96	98	98	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSW	263	85	34	13	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	396
	66	88	96	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 2.7-97— SSES 33' (10m) Wind Direction Persistence Summary for 2003

SSES JAN03-DEC03 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																								
DIRECTION	**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**
SW	202	96	28	24	13	8	12	2	0	3	1	2	0	0	0	0	0	0	0	1	0	0	0	0	0	392
	52	76	83	89	93	95	98	98	98	99	99	100	100	100	100	100	100	100	100	100	0	0	0	0	0	
WSW	161	59	34	9	12	1	3	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	283
	57	78	90	93	97	98	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W	109	28	12	3	6	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	160
	68	86	93	95	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	80	33	4	4	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	123
	65	92	95	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NW	81	33	15	3	0	1	2	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	137
	59	83	94	96	96	97	99	99	99	99	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	
NNW	66	28	10	10	3	1	2	3	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	128
	52	73	81	89	91	92	94	96	98	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	3408	954	365	168	94	43	47	21	6	13	7	7	1	0	2	1	0	0	0	1	0	0	0	0	0	5138

Table 2.7-98— SSES 33' (10m) Wind Direction Persistence Summary for 2004

SSES JAN04-DEC04 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**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	154	44	20	15	5	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	243
	63	81	90	96	98	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNE	257	75	46	23	13	5	7	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	429
	60	77	88	93	97	98	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NE	416	126	42	14	12	6	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	620
	67	87	94	96	98	99	100	100	100	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	
ENE	320	104	42	23	24	18	10	6	0	5	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	555
	58	76	84	88	92	96	97	99	99	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	
E	355	65	16	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	444
	80	95	98	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	251	37	6	4	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	302
	83	95	97	99	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	232	42	12	5	4	4	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	301
	77	91	95	97	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	209	38	10	5	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	268
	78	92	96	98	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S	233	57	23	9	4	6	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	335
	70	87	93	96	97	99	100	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
SSW	277	81	13	12	4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	388
	71	92	96	99	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 2.7-98— SSES 33' (10m) Wind Direction Persistence Summary for 2004

SSES JAN04-DEC04 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																								
DIRECTION	**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**
SW	213	93	40	31	14	9	10	5	5	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	423
	50	72	82	89	92	95	97	98	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
WSW	174	37	22	10	4	2	2	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	254
	69	83	92	96	97	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W	100	19	8	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	131
	76	91	97	97	98	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	77	17	8	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	106
	73	89	96	96	96	96	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NW	92	24	14	8	2	2	1	2	4	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	153
	60	76	85	90	92	93	93	95	97	97	97	99	100	0	0	0	0	0	0	0	0	0	0	0	0	
NNW	92	32	23	9	8	1	2	2	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	172
	53	72	85	91	95	96	97	98	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	3452	891	345	176	103	54	42	20	17	9	2	4	6	2	1	0	0	0	0	0	0	0	0	0	0	5124

Table 2.7-99— SSES 33' (10m) Wind Direction Persistence Summary for 2005

SSES JAN05-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**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	161	49	21	20	9	5	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	274
	59	77	84	92	95	97	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNE	243	71	23	13	10	4	5	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	374
	65	84	90	94	96	97	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NE	388	100	30	16	6	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	546
	71	89	95	98	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENE	313	124	47	33	24	11	12	10	3	2	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	587
	53	74	82	88	92	94	96	98	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
E	380	74	20	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	480
	79	95	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	240	38	9	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	291
	82	96	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	243	41	19	6	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	314
	77	90	96	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	220	27	8	6	4	0	2	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	270
	81	91	94	97	98	98	99	99	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
S	241	48	17	13	5	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	328
	73	88	93	97	99	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSW	240	93	31	12	8	3	2	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	392
	61	85	93	96	98	99	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 2.7-99— SSES 33' (10m) Wind Direction Persistence Summary for 2005

SSES JAN05-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**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**
SW	230	71	44	33	8	7	5	3	1	1	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	406
	57	74	85	93	95	97	98	99	99	99	99	100	100	100	100	100	0	0	0	0	0	0	0	0	0	
WSW	156	51	13	17	4	4	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	247
	63	84	89	96	98	99	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
W	104	37	15	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	162
	64	87	96	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	86	24	11	5	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	129
	67	85	94	98	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NW	90	25	9	10	5	5	1	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	149
	60	77	83	90	93	97	97	97	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNW	109	33	9	15	7	3	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	180
	61	79	84	92	96	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	3444	906	326	211	95	50	39	23	9	10	8	5	2	0	0	1	0	0	0	0	0	0	0	0	0	5129

Table 2.7-100— SSES 33' (10m) Wind Direction Persistence Summary for 2006

SSES JAN06-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**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	53	28	12	7	4	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	254
	57	78	89	94	97	98	98	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNE	221	76	31	18	6	4	3	2	1	1	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	366
	60	81	90	95	96	97	98	99	99	99	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	
NE	379	93	36	17	8	3	2	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	541
	70	87	94	97	99	99	99	100	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	
ENE	333	103	41	24	18	11	10	10	4	5	2	0	1	1	1	0	0	0	0	0	0	0	0	0	0	564
	59	77	85	89	92	94	96	98	98	99	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	
E	354	58	14	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	430
	82	96	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	240	41	13	5	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	301
	80	93	98	99	99	99	99	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	220	35	13	6	4	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	281
	78	91	95	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	200	44	14	2	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	263
	76	93	98	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S	250	65	14	10	3	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	349
	72	90	94	97	98	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSW	278	78	29	10	4	6	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	407
	68	87	95	97	98	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 2.7-100— SSES 33' (10m) Wind Direction Persistence Summary for 2006

SSES JAN06-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																								
DIRECTION	**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**
SW	204	71	44	35	13	11	9	7	2	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	399
	51	69	80	89	92	95	97	99	99	99	99	99	99	99	100	100	0	0	0	0	0	0	0	0	0	
WSW	154	41	26	8	7	3	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	241
	64	81	92	95	98	99	99	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
W	126	30	8	5	2	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	174
	72	90	94	97	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	101	25	9	8	6	2	1	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	156
	65	81	87	92	96	97	97	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NW	121	31	15	7	2	5	1	3	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	189
	64	80	88	92	93	96	96	98	98	98	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	
NNW	103	32	23	11	8	0	4	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	184
	56	73	86	92	96	96	98	98	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	3430	876	358	181	91	57	35	29	13	7	7	3	3	3	4	2	0	0	0	0	0	0	0	0	0	5099

Table 2.7-101— SSES 33' (10m) Average Wind Direction Persistence Summary for Years 2001-2006

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY																										
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	143.3	43.3	21.5	13.7	7.7	3.2	2.3	1.5	0.3	0.5	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	237.7
	60.3	78.5	87.7	93.3	96.7	97.8	98.8	99.5	49.7	50.0	33.3	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	223.0	73.8	31.3	14.7	9.2	4.0	3.7	1.8	0.5	1.0	0.3	0.0	0.2	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	364.0
	61.3	81.7	90.3	94.3	96.7	98.0	98.8	99.3	99.5	99.7	49.8	49.8	50.0	50.0	50.0	33.3	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	0.0
NE	374.7	100.0	33.5	14.0	8.3	2.8	2.0	1.0	0.5	0.3	0.0	0.3	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	538.0
	69.8	88.2	94.7	97.2	98.5	98.8	99.7	100.0	100.0	83.3	50.0	50.0	33.3	33.3	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	330.8	108.2	45.2	28.2	18.5	15.2	9.5	7.2	4.0	4.8	3.0	1.8	1.7	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	579.2
	57.0	75.5	83.7	88.5	91.7	94.2	95.8	97.3	97.7	98.5	99.0	99.3	100.0	66.7	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	367.2	72.7	19.5	6.0	0.8	0.5	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	467.0
	78.8	94.5	98.5	99.8	83.3	66.7	33.3	16.7	16.7	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	256.2	41.0	9.2	3.8	1.3	0.2	0.5	0.2	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	312.7
	82.0	95.0	98.0	99.2	83.0	83.0	66.5	33.3	33.3	16.7	16.7	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	247.5	38.0	15.5	6.3	3.5	1.5	1.0	0.0	0.5	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	314.2
	78.7	91.0	95.5	98.0	98.8	99.3	99.7	49.7	50.0	33.3	16.7	16.7	16.7	16.7	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	215.0	38.2	12.8	6.3	3.2	0.8	0.7	0.0	0.0	0.3	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	277.7
	77.3	91.0	95.7	98.3	99.3	99.7	66.5	33.2	33.2	33.2	16.7	16.7	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	247.7	62.3	20.3	10.7	3.7	4.3	1.0	0.5	0.3	0.5	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	351.5
	70.5	88.2	93.8	97.0	98.0	99.3	99.5	83.2	83.3	66.7	16.7	16.7	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	268.5	80.2	29.5	11.7	4.8	2.2	1.5	0.8	0.7	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	400.2

Table 2.7-101— SSES 33' (10m) Average Wind Direction Persistence Summary for Years 2001-2006

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

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
	66.8	87.2	94.7	97.5	98.7	99.3	99.7	66.5	66.5	16.7	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	219.7	86.5	45.5	30.3	12.7	9.3	8.3	3.8	1.3	0.8	0.7	1.0	0.5	0.0	0.2	0.5	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	421.3
	52.2	72.7	83.5	90.7	93.7	96.0	98.0	98.8	99.0	99.2	99.5	99.8	99.8	66.5	66.7	66.7	16.7	16.7	16.7	16.7	0.0	0.0	0.0	0.0	0.0	0.0
WSW	166.2	51.3	22.0	10.2	6.7	3.3	2.7	1.2	1.0	0.3	0.2	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	265.5
	62.7	82.0	90.3	94.2	96.7	98.0	99.0	99.3	100.0	100.0	66.7	50.0	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	109.2	28.8	10.3	3.7	2.3	0.8	0.8	0.2	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	156.8
	69.7	88.3	94.5	96.8	98.2	98.8	82.7	66.0	66.5	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	86.8	23.8	7.0	3.0	2.0	0.5	0.8	0.8	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	125.3
	69.8	88.8	94.3	96.5	97.8	81.5	82.2	66.3	33.2	16.5	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	96.7	28.8	12.3	7.3	2.5	3.7	1.0	1.7	1.2	0.2	0.5	0.7	0.2	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	157.2
	61.3	79.8	87.7	92.3	94.0	96.3	96.8	98.0	82.0	82.0	82.3	49.5	49.7	33.0	33.2	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	95.3	31.7	16.2	10.0	6.7	1.8	2.8	1.0	1.0	0.8	0.7	0.3	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	168.7
	56.3	75.2	84.5	90.7	94.3	95.7	97.3	98.0	98.7	99.0	82.7	66.3	33.2	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	3447.7	908.7	351.7	179.8	93.8	54.2	38.8	21.7	12.3	10.3	6.0	4.7	3.3	1.3	1.3	0.8	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	5136.8

Table 2.7-102— SSES 197' (60m) Wind Direction Persistence Summary for 2001

SSES JAN01-DEC01 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**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	165	67	32	17	8	8	3	3	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	306
	54	76	86	92	94	97	98	99	99	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	
NNE	271	104	48	35	33	13	6	10	8	0	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	532
	51	70	80	86	92	95	96	98	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
NE	303	116	43	13	6	4	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	489
	62	86	94	97	98	99	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENE	245	35	14	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	298
	82	94	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E	174	35	7	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	223
	78	94	97	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	183	27	5	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	220
	83	95	98	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	175	42	11	4	3	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	238
	74	91	96	97	99	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	192	29	16	10	4	2	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	256
	75	86	93	96	98	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S	233	59	21	7	7	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	333
	70	88	94	96	98	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSW	251	79	24	18	5	8	2	1	3	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	395
	64	84	90	94	95	97	98	98	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 2.7-102— SSES 197' (60m) Wind Direction Persistence Summary for 2001

SSES JAN01-DEC01 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																								
DIRECTION	**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**
SW	266	103	54	29	16	8	2	3	4	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	488
	55	76	87	93	96	98	98	99	99	100	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	
WSW	191	66	26	23	16	10	4	3	3	1	0	1	0	1	0	1	0	0	0	1	0	1	0	0	2	350
	55	73	81	87	92	95	96	97	98	98	98	98	98	99	99	99	99	99	99	99	99	99	99	99	100	
W	116	36	9	8	3	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	176
	66	86	91	96	98	98	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	94	27	8	8	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	141
	67	86	91	97	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NW	85	44	19	5	6	4	2	0	0	0	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	169
	50	76	88	91	94	96	98	98	98	98	98	98	99	99	99	100	0	0	0	0	0	0	0	0	0	
NNW	95	28	18	9	5	4	5	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	165
	58	75	85	91	94	96	99	99	99	99	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	
TOTAL	3039	897	355	197	118	68	31	24	20	8	6	2	3	2	1	4	0	0	0	1	0	1	0	0	2	4779

PERSISTENCE GREATER THAN 24 HOURS

DIRECTION	HOURS	NUMBER	DIRECTION	HOURS	NUMBER
WSW	25	0	WSW	31	0
WSW	26	0	WSW	32	0
WSW	27	0	WSW	33	1
WSW	28	0	WSW	34	0
WSW	29	0	WSW	35	0
WSW	30	0	WSW	36	1

Table 2.7-103— SSES 197' (60m) Wind Direction Persistence Summary for 2002

SSES JAN02-DEC02 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**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	153	39	25	17	15	4	5	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	263
	58	73	83	89	95	96	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNE	244	94	54	29	15	14	11	5	5	1	3	3	1	0	2	0	0	0	0	0	0	0	0	0	1	482
	51	70	81	87	90	93	96	97	98	98	99	99	99	99	100	100	100	100	100	100	100	100	100	100	100	
NE	284	103	38	15	15	4	3	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	465
	61	83	91	95	98	99	99	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENE	208	43	8	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	262
	79	96	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E	151	29	10	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	194
	78	93	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	149	26	8	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	186
	80	94	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	149	34	9	4	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200
	75	92	96	98	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	142	43	13	6	4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	210
	68	88	94	97	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S	229	58	31	10	7	4	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	341
	67	84	93	96	98	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSW	273	69	32	18	6	6	2	3	1	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	414
	66	83	90	95	96	98	98	99	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	

Table 2.7-103— SSES 197' (60m) Wind Direction Persistence Summary for 2002

SSES JAN02-DEC02 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**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**
SW	286	125	52	32	21	13	3	5	2	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	542
	53	76	85	91	95	98	98	99	99	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	
WSW	210	95	59	26	16	16	7	5	1	2	2	2	1	0	0	1	0	0	0	0	0	0	0	0	1	444
	47	69	82	88	91	95	97	98	98	98	99	99	100	100	100	100	100	100	100	100	100	100	100	100	100	
W	118	39	15	12	4	1	4	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	197
	60	80	87	93	95	96	98	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	96	29	7	3	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	137
	70	91	96	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NW	84	24	14	12	3	3	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	145
	58	74	84	92	94	97	98	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNW	88	46	10	11	7	0	5	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	170
	52	79	85	91	95	95	98	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	2864	896	385	199	119	67	46	28	12	9	8	8	5	1	2	1	0	0	0	0	0	0	0	0	2	4652

PERSISTENCE GREATER THAN 24 HOURS

DIRECTION	HOURS	NUMBER	DIRECTION	HOURS	NUMBER
NNE	25	0	WSW	25	0
NNE	26	1	WSW	26	0
			WSW	27	0
			WSW	28	1

Table 2.7-104— SSES 197' (60m) Wind Direction Persistence Summary for 2003

SSES JAN03-DEC03 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**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	113	59	18	15	6	6	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	221
	51	78	86	93	95	98	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNE	222	106	60	34	27	18	13	7	4	5	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	499
	44	66	78	85	90	94	96	98	98	99	99	100	100	100	100	100	100	0	0	0	0	0	0	0	0	
NE	289	117	49	27	13	4	5	3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	508
	57	80	90	95	97	98	99	100	100	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	
ENE	199	42	12	12	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	272
	73	89	93	97	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E	193	34	7	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	239
	81	95	98	98	99	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	156	39	9	1	5	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	212
	74	92	96	97	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	212	41	9	7	4	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	275
	77	92	95	98	99	99	100	100	100	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	
SSE	207	41	10	7	4	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	274
	76	91	94	97	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S	237	45	17	15	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	319
	74	88	94	98	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSW	249	83	24	15	6	3	4	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	386
	65	86	92	96	98	98	99	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 2.7-104— SSES 197' (60m) Wind Direction Persistence Summary for 2003

SSES JAN03-DEC03 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**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**
SW	244	127	49	32	19	9	6	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	490
	50	76	86	92	96	98	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WSW	184	70	50	26	19	8	6	1	3	3	1	0	2	0	1	1	0	0	1	1	0	1	0	0	2	380
	48	67	80	87	92	94	96	96	97	97	98	98	98	98	98	99	99	99	99	99	99	99	99	99	100	
W	111	35	17	11	8	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	186
	60	78	88	94	98	98	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	97	21	15	6	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	141
	69	84	94	99	99	99	99	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	
NW	76	26	8	8	5	4	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	130
	58	78	85	91	95	98	98	99	99	99	99	99	99	99	99	99	99	100	0	0	0	0	0	0	0	
NNW	66	23	13	5	7	2	0	4	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	123
	54	72	83	87	93	94	94	98	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	2855	909	367	222	131	61	42	21	12	14	3	3	4	0	3	1	1	1	1	1	0	1	0	0	2	4655

Table 2.7-104— SSES 197' (60m) Wind Direction Persistence Summary for 2003

SSES JAN03-DEC03 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																							
DIRECTION	**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**

PERSISTENCE GREATER THAN 24 HOURS

DIRECTION	HOURS	NUMBER	DIRECTION	HOURS	NUMBER
WSW	25	0	WSW	30	0
WSW	26	0	WSW	31	0
WSW	27	0	WSW	32	0
WSW	28	1	WSW	33	1
WSW	29	0			

Table 2.7-105— SSES 197' (60m) Wind Direction Persistence Summary for 2004

SSES JAN04-DEC04 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**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	190	48	26	20	5	6	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	301
	63	79	88	94	96	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNE	259	118	66	43	30	21	6	4	5	2	2	4	1	0	0	0	0	0	0	0	0	0	1	0	0	562
	46	67	79	86	92	96	97	97	98	99	99	100	100	100	100	100	100	100	100	100	100	100	100	0	0	
NE	315	128	42	22	10	9	3	4	2	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	538
	59	82	90	94	96	98	98	99	99	100	100	100	100	100	100	100	100	100	100	100	100	0	0	0	0	
ENE	249	31	10	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	294
	85	95	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E	180	34	12	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	229
	79	93	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	158	25	2	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	190
	83	96	97	98	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	163	26	9	5	5	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	212
	77	89	93	96	98	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	178	35	9	5	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	231
	77	92	96	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S	216	40	17	10	6	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	292
	74	88	93	97	99	99	99	99	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
SSW	260	65	28	11	4	5	4	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	381
	68	85	93	96	97	98	99	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 2.7-105— SSES 197' (60m) Wind Direction Persistence Summary for 2004

SSES JAN04-DEC04 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**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**
SW	305	107	47	21	17	12	4	5	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	522
	58	79	88	92	95	98	98	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
WSW	186	69	36	18	15	9	8	2	3	6	2	2	1	1	2	0	0	0	0	0	0	0	0	0	1	361
	52	71	81	86	90	92	94	95	96	98	98	99	99	99	100	100	100	100	100	100	100	100	100	100	100	
W	115	21	11	7	3	1	1	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	164
	70	83	90	94	96	96	97	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	84	23	7	5	3	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	125
	67	86	91	95	98	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NW	75	27	17	5	8	2	3	2	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	144
	52	71	83	86	92	93	95	97	98	98	99	99	99	99	99	99	99	99	99	99	99	99	99	100	0	
NNW	83	32	14	6	7	2	3	0	2	2	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	153
	54	75	84	88	93	94	96	96	97	99	99	99	99	99	99	99	99	99	99	99	99	100	0	0	0	
TOTAL	3016	829	353	183	118	72	39	24	18	17	9	9	3	2	2	0	0	0	0	0	1	1	1	1	1	4699

PERSISTENCE GREATER THAN 24 HOURS

DIRECTION	HOURS	NUMBER
WSW	25	0
WSW	26	1

Table 2.7-106— SSES 197' (60m) Wind Direction Persistence Summary for 2005

SSES JAN05-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA
WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY
DIRECTION PERSISTENCE (HOURS)

DIRECTION	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	137	57	28	15	9	7	5	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	263
	52	74	84	90	94	96	98	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNE	234	93	55	21	13	17	11	9	2	6	3	2	1	2	0	1	0	0	0	1	0	0	0	0	1	472
	50	69	81	85	88	92	94	96	96	98	98	99	99	99	99	100	100	100	100	100	100	100	100	100	100	
NE	267	88	24	14	6	5	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	411
	65	86	92	96	97	98	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENE	180	39	6	4	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	232
	78	94	97	99	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E	147	26	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	181
	81	96	97	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	141	26	9	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	179
	79	93	98	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	129	30	8	12	5	2	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	189
	68	84	88	95	97	98	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	128	23	24	7	0	3	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	187
	68	81	94	97	97	99	99	99	99	99	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	
S	164	37	15	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	222
	74	91	97	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSW	181	60	23	7	5	3	4	0	2	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	287
	63	84	92	94	96	97	99	99	99	99	99	99	100	100	100	100	100	0	0	0	0	0	0	0	0	

Table 2.7-106— SSES 197' (60m) Wind Direction Persistence Summary for 2005

SSES JAN05-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA
WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY
DIRECTION PERSISTENCE (HOURS)

DIRECTION	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
SW	182	76	37	14	6	6	5	2	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	331
	55	78	89	93	95	97	98	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
WSW	142	62	26	18	15	4	5	2	2	2	1	0	2	0	2	0	1	1	0	1	0	0	0	0	0	286
	50	71	80	87	92	93	95	96	97	97	98	98	98	98	99	99	99	100	100	100	0	0	0	0	0	
W	104	45	11	8	6	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	179
	58	83	89	94	97	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	77	30	7	5	2	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	125
	62	86	91	95	97	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NW	94	26	12	5	2	4	3	2	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	152
	62	79	87	90	91	94	96	97	97	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	
NNW	77	31	10	6	6	1	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	138
	56	78	86	90	94	95	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	2384	749	298	142	79	61	43	28	9	12	6	6	5	2	2	2	2	1	0	2	0	0	0	0	1	3834

PERSISTENCE GREATER THAN 24 HOURS

DIRECTION	HOURS	NUMBER
WSW	25	0
WSW	26	0
WSW	27	1

Table 2.7-107— SSES 197' (60m) Wind Direction Persistence Summary for 2006

SSES JAN06-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																									
DIRECTION	**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	188	69	25	18	10	9	5	1	3	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	330
	57	78	85	91	94	97	98	98	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
NNE	265	95	67	36	21	14	13	6	5	3	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	531
	50	68	80	87	91	94	96	97	98	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	
NE	295	102	42	15	11	4	4	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	477
	62	83	92	95	97	98	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENE	209	37	8	3	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	259
	81	95	98	99	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E	157	30	12	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	204
	77	92	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	137	28	6	3	1	0	0	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	179
	77	92	96	97	98	98	98	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	150	28	12	5	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200
	75	89	95	98	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	163	31	7	5	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	208
	78	93	97	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S	182	52	12	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	254
	72	92	97	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSW	251	61	27	12	11	2	1	0	0	1	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	370
	68	84	92	95	98	98	99	99	99	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	

Table 2.7-107— SSES 197' (60m) Wind Direction Persistence Summary for 2006

SSES JAN06-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																								
DIRECTION	**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**
SW	263	107	69	27	17	10	2	6	1	0	1	1	0	1	0	0	0	0	1	0	0	0	0	0	0	506
	52	73	87	92	95	97	98	99	99	99	99	100	100	100	100	100	100	100	100	0	0	0	0	0	0	
WSW	227	84	40	24	16	14	5	4	4	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2	423
	54	74	83	89	92	96	97	98	99	99	99	99	99	100	100	100	100	100	100	100	100	100	100	100	100	
W	133	39	17	6	7	3	2	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	210
	63	82	90	93	96	98	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	97	38	15	10	5	1	2	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	170
	57	79	88	94	97	98	99	99	99	99	99	99	99	99	99	99	99	99	99	100	0	0	0	0	0	
NW	94	36	22	10	3	5	1	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	176
	53	74	86	92	94	97	97	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99	100	0	0	
NNW	105	36	15	13	6	1	1	0	0	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	181
	58	78	86	93	97	97	98	98	98	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	2916	873	396	197	115	65	38	27	16	10	4	5	3	4	4	0	0	0	1	1	0	0	1	0	2	4678

PERSISTENCE GREATER THAN 24 HOURS

DIRECTION	HOURS	NUMBER
WSW	25	1

Table 2.7-107— SSES 197' (60m) Wind Direction Persistence Summary for 2006

SSES JAN06-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	DIRECTION PERSISTENCE (HOURS)																								
DIRECTION	**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**
26					0																				
27					0																				
28					0																				
29					0																				
30					0																				
31					0																				
32					0																				
33					0																				
34					0																				
35					0																				
36					0																				
37					0																				
38					0																				
39					0																				
40					0																				
41					0																				
42					0																				
43					0																				
44					0																				
45					0																				
46					0																				
47					1																				

Table 2.7-108— SSES 197' (60m) Average Wind Direction Persistence Summary for Years 2001-2006

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

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	157.7	56.5	25.7	17.0	8.8	6.7	3.7	2.2	0.5	1.3	0.2	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	280.7
	55.8	76.3	85.3	91.5	94.7	97.0	98.3	99.2	99.3	99.8	49.8	33.2	33.3	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	249.2	101.7	58.3	33.0	23.2	16.2	10.0	6.8	4.8	2.8	2.0	2.2	0.7	0.3	0.8	0.2	0.2	0.0	0.0	0.2	0.0	0.0	0.2	0.0	0.3	513.0
	48.7	68.3	79.8	86.0	90.5	94.0	95.8	97.2	97.8	98.7	99.0	99.5	99.5	82.8	83.2	66.7	66.7	50.0	50.0	50.0	50.0	50.0	50.0	33.3	33.3	0.0
NE	292.2	109.0	39.7	17.7	10.2	5.0	3.5	2.3	0.5	0.3	0.3	0.2	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	481.3
	61.0	83.3	91.5	95.3	97.2	98.3	99.0	99.8	99.8	100.0	83.3	50.0	33.3	33.3	33.3	16.7	16.7	16.7	16.7	16.7	16.7	0.0	0.0	0.0	0.0	0.0
ENE	215.0	37.8	9.7	4.0	1.3	1.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	269.5
	79.7	93.8	97.5	98.7	99.7	100.0	66.7	33.3	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	167.0	31.3	8.5	2.8	1.3	0.3	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	211.7
	79.0	93.8	97.8	99.2	99.7	33.2	16.5	16.5	16.7	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	154.0	28.5	6.5	1.7	1.5	0.5	0.5	0.7	0.3	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	194.3
	79.3	93.7	97.2	98.2	98.8	99.0	82.7	66.3	33.2	16.5	16.5	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	163.0	33.5	9.7	6.2	3.7	1.2	0.8	0.0	0.3	0.0	0.2	0.3	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	219.0
	74.3	89.5	93.8	97.0	98.5	99.3	99.8	83.2	83.2	49.8	49.8	33.3	16.7	16.7	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	168.3	33.7	13.2	6.7	2.3	1.2	1.2	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	227.7
	73.7	88.5	94.7	97.3	98.3	99.2	99.7	66.3	49.8	16.5	16.5	16.5	16.5	16.5	16.5	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	210.2	48.5	18.8	8.5	4.2	1.5	0.7	0.5	0.0	0.3	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	293.5
	71.8	88.5	94.7	97.5	98.8	82.7	66.2	49.7	33.0	33.2	16.7	16.7	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	244.2	69.5	26.3	13.5	6.2	4.5	2.8	1.0	1.3	0.8	0.3	0.5	0.8	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	372.2
	65.7	84.3	91.5	95.0	96.7	97.7	98.7	98.8	99.3	99.5	99.7	99.7	50.0	33.3	16.7	16.7	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	257.7	107.5	51.3	25.8	16.0	9.7	3.7	3.5	1.5	1.0	0.8	0.5	0.2	0.3	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	479.8

Table 2.7-108— SSES 197' (60m) Average Wind Direction Persistence Summary for Years 2001-2006

WIND DIRECTION PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

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
	53.8	76.3	87.0	92.2	95.3	97.7	98.2	99.0	99.0	99.7	99.8	83.3	50.0	50.0	33.3	33.3	16.7	16.7	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	190.0	74.3	39.5	22.5	16.2	10.2	5.8	2.8	2.7	2.5	1.0	1.0	1.0	0.5	0.8	0.5	0.2	0.2	0.2	0.5	0.0	0.3	0.0	0.0	1.3	374.0
	51.0	70.8	81.2	87.3	91.5	94.2	95.8	96.7	97.5	97.8	98.3	98.5	98.7	99.0	99.3	99.5	99.5	99.7	99.7	99.7	83.0	83.0	83.0	83.0	83.3	0.0
W	116.2	35.8	13.3	8.7	5.2	1.3	1.5	2.0	0.2	0.8	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	185.3
	62.8	82.0	89.2	94.0	96.7	97.3	98.2	99.3	82.7	83.0	33.2	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	90.8	28.0	9.8	6.2	2.5	1.2	0.3	0.3	0.2	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	139.8
	65.3	85.3	91.8	96.5	98.2	99.0	82.5	82.7	66.2	49.7	33.0	33.0	33.2	16.5	16.5	16.5	16.5	16.5	16.5	16.7	0.0	0.0	0.0	0.0	0.0	0.0
NW	84.7	30.5	15.3	7.5	4.5	3.7	2.0	1.7	0.5	0.2	0.5	0.3	0.3	0.0	0.3	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2	0.0	152.7
	55.5	75.3	85.5	90.3	93.3	95.8	97.0	98.2	81.8	82.0	82.3	82.3	82.7	66.0	66.0	66.2	49.5	49.7	33.0	33.0	33.0	33.0	33.2	16.7	0.0	0.0
NNW	85.7	32.7	13.3	8.3	6.3	1.7	3.0	1.0	0.7	1.2	0.3	0.2	0.2	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	155.0
	55.3	76.2	84.8	90.0	94.3	95.2	97.2	98.0	98.5	82.5	82.5	82.7	66.2	49.7	33.0	33.2	16.5	16.5	16.5	16.5	16.5	16.7	0.0	0.0	0.0	0.0
TOTAL	2845.7	858.8	359.0	190.0	113.3	65.7	39.8	25.3	14.5	11.7	6.0	5.5	3.8	1.8	2.3	1.3	0.5	0.3	0.3	0.8	0.2	0.5	0.3	0.2	1.7	4549.5

Table 2.7-109— SSES 33' (10m) Annual Stability Persistence Summary for Year 2001

SSES JAN01-DEC01 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																									
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	68	33	17	21	11	6	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	161
	42	63	73	86	93	97	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	149	51	16	4	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	223
	67	90	97	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	233	61	20	7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	323
	72	91	97	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	229	173	91	60	35	26	16	19	14	13	7	7	5	4	5	6	5	1	3	2	2	1	3	3	10	740
	31	54	67	75	79	83	85	88	90	91	92	93	94	94	95	96	97	97	97	97	98	98	98	99	100	
E	266	153	99	58	41	27	24	17	14	9	8	4	11	3	3	0	2	0	0	0	0	0	0	0	0	739
	36	57	70	78	83	87	90	93	95	96	97	97	99	99	100	100	100	0	0	0	0	0	0	0	0	
F	200	94	39	35	19	17	9	7	7	2	5	0	2	0	0	0	0	0	0	0	0	0	0	0	0	436
	46	67	76	84	89	93	95	96	98	98	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
G	66	28	20	12	12	7	3	10	6	5	2	3	6	2	1	1	1	0	0	0	0	0	0	0	0	185
	36	51	62	68	75	78	80	85	89	91	92	94	97	98	99	99	100	0	0	0	0	0	0	0	0	
TOTAL	1211	593	302	197	121	84	57	54	41	29	22	14	24	9	9	7	8	1	3	2	2	1	3	3	10	2807

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	25	0
D	26	0

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	48	0
D	49	0

Table 2.7-109— SSES 33' (10m) Annual Stability Persistence Summary for Year 2001

SSES JAN01-DEC01 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																								
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**
		D				27				0						D				50				0		
		D				28				0						D				51				0		
		D				29				0						D				52				0		
		D				30				1						D				53				0		
		D				31				0						D				54				0		
		D				32				1						D				55				1		
		D				33				0						D				56				0		
		D				34				0						D				57				1		
		D				35				0						D				58				0		
		D				36				0						D				59				0		
		D				37				1						D				60				0		
		D				38				0						D				61				0		
		D				39				0						D				62				0		
		D				40				0						D				63				0		
		D				41				0						D				64				0		
		D				42				1						D				65				1		
		D				43				0																
		D				44				1																
		D				45				1																
		D				46				0																
		D				47				1																

Table 2.7-110— SSES 33' (10m) Annual Stability Persistence Summary for Year 2002

SSES JAN02-DEC02 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																									
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	59	35	14	10	5	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	130
	45	72	83	91	95	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	152	41	19	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	219
	69	88	97	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	231	42	24	6	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	306
	75	89	97	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	207	160	98	46	44	29	17	24	14	11	5	10	7	7	10	7	5	1	1	3	0	2	4	1	17	730
	28	50	64	70	76	80	82	86	88	89	90	91	92	93	94	95	96	96	96	97	97	97	98	98	100	
E	253	169	75	55	41	29	17	21	11	10	8	1	3	4	2	2	1	2	1	2	0	0	0	1	0	708
	36	60	70	78	84	88	90	93	95	96	97	97	98	98	99	99	99	99	100	100	100	100	100	100	0	
F	195	67	48	34	28	13	9	10	3	3	2	2	1	0	1	0	0	1	0	0	0	0	0	0	0	417
	47	63	74	82	89	92	94	97	98	98	99	99	100	100	100	100	100	100	0	0	0	0	0	0	0	
G	47	24	21	18	15	6	6	7	5	7	6	4	3	0	0	1	0	0	0	0	0	0	0	0	0	170
	28	42	54	65	74	77	81	85	88	92	95	98	99	99	99	100	0	0	0	0	0	0	0	0	0	
TOTAL	1144	538	299	173	137	86	49	62	33	31	21	17	14	11	13	10	6	4	2	5	0	2	4	2	17	2680

PERSISTENCE GREATER THAN 24 HOURS

PERSISTENCE GREATER THAN 24 HOURS

Table 2.7-110— SSES 33' (10m) Annual Stability Persistence Summary for Year 2002

SSES JAN02-DEC02 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

STABILITY PERSISTENCE (HOURS)

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

STABILITY	HOURS	NUMBER	STABILITY	HOURS	NUMBER
D	25	1	D	48	0
D	26	1	D	49	0
D	27	1	D	50	1
D	28	0	D	51	0
D	29	1	D	52	0
D	30	2	D	53	0
D	31	0	D	54	0
D	32	3	D	55	0
D	33	1	D	56	0
D	34	0	D	57	0
D	35	1	D	58	0
D	36	1	D	59	0
D	37	1	D	60	0
D	38	1	D	61	0
D	39	0	D	62	0
D	40	0	D	63	1
D	41	0			
D	42	1			
D	43	0			
D	44	0			
D	45	0			
D	46	0			
D	47	0			

Table 2.7-111— SSES 33' (10m) Annual Stability Persistence Summary for Year 2003

SSES JAN03-DEC03 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																									
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	36	13	8	14	8	9	5	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103
	35	48	55	69	77	85	90	97	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	93	17	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	116
	80	95	98	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	146	30	9	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	189
	77	93	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	192	132	83	58	40	21	25	28	25	29	19	15	8	6	5	4	8	4	3	3	3	0	2	1	12	726
	26	45	56	64	70	72	76	80	83	87	90	92	93	94	94	95	96	97	97	98	98	98	98	98	100	
E	287	157	106	56	38	32	19	13	16	11	14	7	6	4	6	0	2	2	1	0	1	1	0	0	0	779
	37	57	71	78	83	87	89	91	93	94	96	97	98	98	99	99	99	100	100	100	100	100	0	0	0	
F	147	89	45	21	30	13	8	6	4	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	366
	40	64	77	83	91	94	96	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
G	32	21	15	13	10	4	8	8	2	2	3	3	1	4	0	0	1	0	0	0	0	0	0	0	0	127
	25	42	54	64	72	75	81	87	89	91	93	95	96	99	99	99	100	0	0	0	0	0	0	0	0	
TOTAL	933	459	270	167	127	79	65	62	50	43	37	26	15	14	11	4	11	6	4	3	4	1	2	1	12	2406

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	25	1
D	26	0
D	27	1

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	44	0
D	45	0
D	46	0

Table 2.7-111— SSES 33' (10m) Annual Stability Persistence Summary for Year 2003

SSES JAN03-DEC03 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																								
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**
		D				28				0						D				47				0		
		D				29				1						D				48				0		
		D				30				0						D				49				0		
		D				31				0						D				50				0		
		D				32				0						D				51				0		
		D				33				0						D				52				0		
		D				34				1						D				53				0		
		D				35				0						D				54				0		
		D				36				0						D				55				0		
		D				37				1						D				56				1		
		D				38				2						D				57				0		
		D				39				2						D				58				0		
		D				40				1						D				59				1		
		D				41				0																
		D				42				0																
		D				43				0																

Table 2.7-112— SSES 33' (10m) Annual Stability Persistence Summary for Year 2004

SSES JAN04-DEC04 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																									
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	65	24	13	10	4	5	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	129
	50	69	79	87	90	94	96	98	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	128	53	13	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	197
	65	92	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	220	70	16	9	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	317
	69	91	97	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	232	151	80	53	46	28	30	20	20	11	12	7	8	2	6	4	5	4	2	1	4	2	3	1	14	746
	31	51	62	69	75	79	83	86	88	90	92	92	94	94	95	95	96	96	97	97	97	98	98	98	100	
E	222	127	90	71	41	31	28	33	18	6	13	9	5	6	3	5	3	3	1	0	3	0	0	0	0	718
	31	49	61	71	77	81	85	90	92	93	95	96	97	97	98	99	99	99	100	100	100	0	0	0	0	
F	134	65	48	22	22	15	13	9	4	2	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	338
	40	59	73	80	86	91	94	97	98	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	
G	33	24	6	7	7	8	3	9	4	2	1	2	0	0	2	1	0	0	0	0	0	0	0	0	0	109
	30	52	58	64	71	78	81	89	93	94	95	97	97	97	99	100	0	0	0	0	0	0	0	0	0	
TOTAL	1034	514	266	173	123	88	77	74	48	21	28	18	14	9	11	10	8	7	3	1	7	2	3	1	14	2554

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	25	3
D	26	0

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	44	0
D	45	0

Table 2.7-112— SSES 33' (10m) Annual Stability Persistence Summary for Year 2004

SSES JAN04-DEC04 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																								
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**
		D				27				3						D				46				0		
		D				28				1						D				47				0		
		D				29				0						D				48				0		
		D				30				2						D				49				0		
		D				31				0						D				50				0		
		D				32				1						D				51				0		
		D				33				0						D				52				0		
		D				34				0						D				53				1		
		D				35				0																
		D				36				0																
		D				37				2																
		D				38				0																
		D				39				0																
		D				40				0																
		D				41				1																
		D				42				0																
		D				43				0																

Table 2.7-113— SSES 33' (10m) Annual Stability Persistence Summary for Year 2005

SSES JAN05-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																									
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	67	28	30	19	19	21	27	23	21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	256
	26	37	49	56	64	72	82	91	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	183	37	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	229
	80	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	217	31	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	261
	83	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	264	126	74	49	28	15	15	13	13	9	8	5	5	4	4	5	1	2	1	2	2	3	1	2	10	661
	40	59	70	78	82	84	86	88	90	92	93	94	94	95	96	96	97	97	97	97	98	98	98	98	100	
E	267	137	72	48	27	33	26	15	9	6	5	9	7	1	4	5	3	1	1	1	1	0	1	1	5	685
	39	59	69	76	80	85	89	91	93	93	94	95	96	97	97	98	98	99	99	99	99	99	99	99	100	
F	194	78	53	41	17	18	12	5	2	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	427
	45	64	76	86	90	94	97	98	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
G	57	25	19	20	11	6	8	5	10	6	1	3	2	3	3	0	1	0	0	0	0	0	0	0	0	180
	32	46	56	67	73	77	81	84	89	93	93	95	96	98	99	99	100	0	0	0	0	0	0	0	0	
TOTAL	1249	462	267	179	102	94	88	61	55	26	17	17	14	8	11	10	5	3	2	3	3	3	2	3	15	2699

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	25	0
D	26	1

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	50	0
D	51	0

Table 2.7-113— SSES 33' (10m) Annual Stability Persistence Summary for Year 2005

SSES JAN05-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																								
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**
		D				27				1						D				52				0		
		D				28				1						D				53				0		
		D				29				0						D				54				0		
		D				30				0						D				55				0		
		D				31				0						D				56				0		
		D				32				1						D				57				0		
		D				33				1						D				58				0		
		D				34				1						D				59				1		
		D				35				0																
		D				36				0						E				25				0		
		D				37				1						E				26				0		
		D				38				0						E				27				0		
		D				39				0						E				28				0		
		D				40				1						E				29				0		
		D				41				0						E				30				0		
		D				42				0						E				31				1		
		D				43				0						E				32				0		
		D				44				0						E				33				0		
		D				45				0						E				34				1		
		D				46				1						E				35				0		
		D				47				0						E				36				1		
		D				48				0						E				37				1		
		D				49				0						E				38				0		

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
E	39	0
E	40	0
E	41	0

Table 2.7-113— SSES 33' (10m) Annual Stability Persistence Summary for Year 2005

SSES JAN05-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																								
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**
		E				42				0																
		E				43				0																
		E				44				0																
		E				45				0																
		E				46				0																
		E				47				0																
		E				48				0																
		E				49				0																
		E				50				0																
		E				51				0																
		E				52				0																
		E				53				0																
		E				54				1																

Table 2.7-114— SSES 33' (10m) Annual Stability Persistence Summary for Year 2006

SSES JAN06-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
33.0 FT WIND DATA
STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY
STABILITY PERSISTENCE (HOURS)

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	37	21	14	10	16	11	13	17	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	145
	26	40	50	57	68	75	84	96	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	144	27	5	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	178
	81	96	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	199	35	5	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	245
	81	96	98	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	205	120	90	45	30	23	20	21	15	6	9	7	4	5	7	3	5	0	0	3	1	2	2	3	26	652
	31	50	64	71	75	79	82	85	87	88	90	91	91	92	93	94	94	94	94	95	95	95	96	96	100	
E	258	154	91	58	30	25	24	15	12	14	4	5	5	4	1	4	1	1	3	0	0	0	0	0	3	712
	36	58	71	79	83	87	90	92	94	96	96	97	98	98	98	99	99	99	100	100	100	100	100	100	100	
F	184	70	41	43	12	15	8	10	4	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	392
	47	65	75	86	89	93	95	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
G	40	28	12	13	15	5	3	4	13	5	1	1	0	2	1	1	2	1	0	0	0	0	0	0	0	147
	27	46	54	63	73	77	79	82	90	94	95	95	95	97	97	98	99	100	0	0	0	0	0	0	0	
TOTAL	1067	455	258	175	105	79	68	67	49	29	15	14	9	11	9	8	8	2	3	3	1	2	2	3	29	2471

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	25	1
D	26	3

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	55	0
D	56	0

Table 2.7-114— SSES 33' (10m) Annual Stability Persistence Summary for Year 2006

SSES JAN06-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

STABILITY PERSISTENCE (HOURS)

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
		D				27				1						D				57				0		
		D				28				1						D				58				1		
		D				29				2						D				59				0		
		D				30				0						D				60				1		
		D				31				2						D				61				1		
		D				32				0						D				62				0		
		D				33				0						D				63				1		
		D				34				2						D				64				0		
		D				35				0						D				65				0		
		D				36				0						D				66				0		
		D				37				0						D				67				0		
		D				38				0						D				68				0		
		D				39				2						D				69				0		
		D				40				1						D				70				1		
		D				41				0						D				71				0		
		D				42				0						D				72				0		
		D				43				1						D				73				0		
		D				44				1						D				74				0		
		D				45				0						D				75				0		
		D				46				1						D				76				0		
		D				47				0						D				77				1		
		D				48				0																
		D				49				0						E				25				1		
		D				50				2						E				26				0		
		D				51				0						E				27				0		
		D				52				0						E				28				1		
		D				53				0						E				29				0		
		D				54				0						E				30				1		

Table 2.7-115— SSES 33' (10m) Annual Stability Persistence Summary for the Years 2001 - 2006

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

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	49.3	23.5	14.7	11.7	9.2	8.3	7.8	7.3	4.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	136.8
	37.5	49.0	57.0	65.2	69.7	74.5	61.0	65.3	50.3	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.2
B	126.0	34.8	10.0	1.8	1.3	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	174.3
	75.8	79.8	82.3	83.0	83.3	33.3	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.3
C	183.3	39.8	12.8	4.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	242.0
	87.7	82.0	83.0	83.3	66.7	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.5
D	189.5	121.7	72.2	42.2	30.5	20.2	16.3	16.2	12.7	8.3	6.8	6.0	4.8	3.7	5.3	4.2	3.5	1.3	1.2	1.8	1.5	1.7	2.2	1.7	12.8	588.2
	58.8	66.0	68.3	70.2	71.2	71.0	73.8	76.8	78.0	79.8	79.3	79.3	78.8	79.0	79.7	80.0	81.3	80.7	80.7	81.0	81.3	81.0	81.7	81.7	85.3	121.0
E	211.0	123.3	71.2	48.3	30.0	24.2	19.8	16.8	10.7	7.5	6.3	4.7	5.2	3.0	2.2	2.7	1.7	1.2	1.0	0.5	0.7	0.0	0.2	0.3	1.3	593.7
	77.5	73.3	74.5	73.0	74.2	76.7	77.2	78.7	80.8	80.8	82.2	81.5	82.3	82.2	83.0	82.5	82.8	66.3	66.7	66.5	66.7	50.0	49.8	49.8	33.3	129.8
F	151.2	62.3	38.2	29.2	16.3	13.0	8.5	6.8	3.3	2.3	2.2	0.5	0.7	0.2	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	335.0
	62.0	67.8	69.8	73.2	78.8	79.3	80.5	82.0	82.5	82.3	83.2	66.5	50.0	33.3	16.7	16.7	16.7	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61.0
G	40.5	21.5	13.0	11.7	10.0	5.3	3.8	5.8	6.3	4.2	1.8	2.2	1.8	1.2	1.2	0.7	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	131.8
	30.8	43.0	49.8	56.7	62.7	65.2	68.3	72.2	75.2	77.7	78.8	80.3	80.8	82.2	82.2	82.7	50.0	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.2
TOTAL	950.8	427.0	232.0	149.5	98.0	71.8	56.5	53.0	37.7	22.7	17.2	13.3	12.5	8.0	8.8	7.5	5.8	2.8	2.2	2.3	2.2	1.7	2.3	2.0	14.2	2201.8

Table 2.7-116— SSES 197' (60m) Annual Stability Persistence Summary for Year 2001

SSES JAN01-DEC01 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																									
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	68	33	17	21	11	6	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	161
	42	63	73	86	93	97	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	149	51	16	4	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	223
	67	90	97	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	233	61	20	7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	323
	72	91	97	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	229	173	91	60	35	26	16	19	14	13	7	7	5	4	5	6	5	1	3	2	2	1	3	3	10	740
	31	54	67	75	79	83	85	88	90	91	92	93	94	94	95	96	97	97	97	97	98	98	98	99	100	
E	267	155	98	57	41	27	24	17	14	9	8	4	11	3	3	0	2	0	0	0	0	0	0	0	0	740
	36	57	70	78	84	87	90	93	95	96	97	97	99	99	100	100	100	0	0	0	0	0	0	0	0	
F	201	94	39	35	19	16	9	7	7	2	5	0	2	0	0	0	0	0	0	0	0	0	0	0	0	436
	46	68	77	85	89	93	95	96	98	98	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
G	66	28	20	12	12	7	3	10	6	5	2	3	6	2	1	1	1	0	0	0	0	0	0	0	0	185
	36	51	62	68	75	78	80	85	89	91	92	94	97	98	99	99	100	0	0	0	0	0	0	0	0	
TOTAL	1213	595	301	196	121	83	57	54	41	29	22	14	24	9	9	7	8	1	3	2	2	1	3	3	10	2808

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	25	0
D	26	0

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	50	0
D	51	0

Table 2.7-116— SSES 197' (60m) Annual Stability Persistence Summary for Year 2001

SSES JAN01-DEC01 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																								
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**
		D				27				0						D				52				0		
		D				28				0						D				53				0		
		D				29				0						D				54				0		
		D				30				1						D				55				1		
		D				31				0						D				56				0		
		D				32				1						D				57				1		
		D				33				0						D				58				0		
		D				34				0						D				59				0		
		D				35				0						D				60				0		
		D				36				0						D				61				0		
		D				37				1						D				62				0		
		D				38				0						D				63				0		
		D				39				0						D				64				0		
		D				40				0						D				65				1		
		D				41				0																
		D				42				1																
		D				43				0																
		D				44				1																
		D				45				1																
		D				46				0																
		D				47				1																
		D				48				0																
		D				49				0																

Table 2.7-117— SSES 197' (60m) Annual Stability Persistence Summary for Year 2002

SSES JAN02-DEC02 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																									
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	59	35	14	10	5	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	130
	45	72	83	91	95	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	152	41	19	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	219
	69	88	97	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	231	42	24	6	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	306
	75	89	97	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	207	160	98	46	44	29	17	24	14	11	5	10	7	7	10	7	5	1	1	3	0	2	4	1	17	730
	28	50	64	70	76	80	82	86	88	89	90	91	92	93	94	95	96	96	96	97	97	97	98	98	100	
E	253	169	75	55	41	29	17	21	11	10	8	1	3	4	2	2	1	2	1	2	0	0	0	1	0	708
	36	60	70	78	84	88	90	93	95	96	97	97	98	98	99	99	99	99	100	100	100	100	100	100	0	
F	195	67	48	34	28	13	9	10	3	3	2	2	1	0	1	0	0	1	0	0	0	0	0	0	0	417
	47	63	74	82	89	92	94	97	98	98	99	99	100	100	100	100	100	100	0	0	0	0	0	0	0	
G	47	24	21	18	15	6	6	7	5	7	6	4	3	0	0	1	0	0	0	0	0	0	0	0	0	170
	28	42	54	65	74	77	81	85	88	92	95	98	99	99	99	100	0	0	0	0	0	0	0	0	0	
TOTAL	1144	538	299	173	137	86	49	62	33	31	21	17	14	11	13	10	6	4	2	5	0	2	4	2	17	2680

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	25	1
D	26	1

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	50	1
D	51	0

Table 2.7-117— SSES 197' (60m) Annual Stability Persistence Summary for Year 2002

SSES JAN02-DEC02 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																								
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**
		D				27				1						D				52				0		
		D				28				0						D				53				0		
		D				29				1						D				54				0		
		D				30				2						D				55				0		
		D				31				0						D				56				0		
		D				32				3						D				57				0		
		D				33				1						D				58				0		
		D				34				0						D				59				0		
		D				35				1						D				60				0		
		D				36				1						D				61				0		
		D				37				1						D				62				0		
		D				38				1						D				63				1		
		D				39				0																
		D				40				0																
		D				41				0																
		D				42				1																
		D				43				0																
		D				44				0																
		D				45				0																
		D				46				0																
		D				47				0																
		D				48				0																
		D				49				0																

Table 2.7-118— SSES 197' (60m) Annual Stability Persistence Summary for Year 2003

SSES JAN03-DEC03 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																									
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	35	13	7	15	8	9	5	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	102
	34	47	54	69	76	85	90	97	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	93	17	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	116
	80	95	98	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	146	30	9	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	189
	77	93	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	193	131	84	58	40	20	24	28	25	29	19	15	8	6	5	4	8	4	3	3	3	0	2	1	12	725
	27	45	56	64	70	73	76	80	83	87	90	92	93	94	94	95	96	97	97	98	98	98	98	98	100	
E	285	158	106	57	38	33	18	13	15	11	14	7	6	4	6	0	2	2	1	0	1	1	0	0	0	778
	37	57	71	78	83	87	89	91	93	94	96	97	98	98	99	99	99	100	100	100	100	100	0	0	0	
F	147	88	43	21	30	13	8	6	4	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	363
	40	65	77	82	91	94	96	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
G	34	20	15	12	11	5	8	7	2	1	3	3	1	4	0	0	1	0	0	0	0	0	0	0	0	127
	27	43	54	64	72	76	83	88	90	91	93	95	96	99	99	99	100	0	0	0	0	0	0	0	0	
TOTAL	933	457	268	168	128	80	63	61	49	42	37	26	15	14	11	4	11	6	4	3	4	1	2	1	12	2400

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	25	1
D	26	0
D	27	1

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	48	0
D	49	0
D	50	0

Table 2.7-118— SSES 197' (60m) Annual Stability Persistence Summary for Year 2003

SSES JAN03-DEC03 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																								
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**
		D				28				0						D				51				0		
		D				29				1						D				52				0		
		D				30				0						D				53				0		
		D				31				0						D				54				0		
		D				32				0						D				55				0		
		D				33				0						D				56				1		
		D				34				1						D				57				0		
		D				35				0						D				58				0		
		D				36				0						D				59				1		
		D				37				1																
		D				38				2																
		D				39				2																
		D				40				1																
		D				41				0																
		D				42				0																
		D				43				0																
		D				44				0																
		D				45				0																
		D				46				0																
		D				47				0																

Table 2.7-119— SSES 197' (60m) Annual Stability Persistence Summary for Year 2004

SSES JAN04-DEC04 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																									
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	65	24	13	10	4	5	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	129
	50	69	79	87	90	94	96	98	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	128	53	13	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	197
	65	92	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	221	70	16	9	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	318
	69	92	97	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	232	151	80	53	46	27	31	20	20	11	12	7	8	2	6	4	5	4	2	1	4	2	3	1	14	746
	31	51	62	69	75	79	83	86	88	90	92	92	94	94	95	95	96	96	97	97	97	98	98	98	100	
E	222	127	90	71	41	31	28	33	18	6	13	9	5	6	3	5	3	3	1	0	3	0	0	0	0	718
	31	49	61	71	77	81	85	90	92	93	95	96	97	97	98	99	99	99	100	100	100	0	0	0	0	
F	134	65	48	22	22	15	13	9	4	2	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	338
	40	59	73	80	86	91	94	97	98	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	
G	33	24	6	7	7	8	3	9	4	2	1	2	0	0	2	1	0	0	0	0	0	0	0	0	0	109
	30	52	58	64	71	78	81	89	93	94	95	97	97	97	99	100	0	0	0	0	0	0	0	0	0	
TOTAL	1035	514	266	173	123	87	78	74	48	21	28	18	14	9	11	10	8	7	3	1	7	2	3	1	14	2555

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	25	3
D	26	0
D	27	3

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	45	0
D	46	0
D	47	0

Table 2.7-119— SSES 197' (60m) Annual Stability Persistence Summary for Year 2004

SSES JAN04-DEC04 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																								
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**
		D				28				1						D				48				0		
		D				29				0						D				49				0		
		D				30				2						D				50				0		
		D				31				0						D				51				0		
		D				32				1						D				52				0		
		D				33				0						D				53				1		
		D				34				0																
		D				35				0																
		D				36				0																
		D				37				2																
		D				38				0																
		D				39				0																
		D				40				0																
		D				41				1																
		D				42				0																
		D				43				0																
		D				44				0																

Table 2.7-120— SSES 197' (60m) Annual Stability Persistence Summary for Year 2005

SSES JAN05-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																									
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	53	26	19	14	9	18	18	19	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	185
	29	43	53	61	65	75	85	95	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	148	31	6	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	187
	79	96	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	170	26	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	208
	82	94	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	204	96	64	45	23	14	14	11	13	9	8	5	5	4	4	5	1	2	1	2	2	3	1	2	10	548
	37	55	66	75	79	81	84	86	88	90	91	92	93	94	95	96	96	96	96	97	97	98	98	98	100	
E	216	114	57	41	27	30	23	11	7	5	2	7	3	1	4	4	3	1	1	1	1	0	1	1	5	566
	38	58	68	76	80	86	90	92	93	94	94	95	96	96	97	98	98	98	98	99	99	99	99	99	100	
F	168	64	42	30	15	12	7	4	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	346
	49	67	79	88	92	96	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
G	48	22	17	15	9	6	6	5	7	6	1	3	2	3	3	0	1	0	0	0	0	0	0	0	0	154
	31	45	56	66	72	76	80	83	88	92	92	94	95	97	99	99	100	0	0	0	0	0	0	0	0	
TOTAL	1007	379	216	147	83	81	68	50	37	23	11	15	10	8	11	9	5	3	2	3	3	3	2	3	15	2194

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	25	0
D	26	1
D	27	1

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	50	0
D	51	0
D	52	0

Table 2.7-120— SSES 197' (60m) Annual Stability Persistence Summary for Year 2005

SSES JAN05-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																								
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**
		D				28				1						D				53				0		
		D				29				0						D				54				0		
		D				30				0						D				55				0		
		D				31				0						D				56				0		
		D				32				1						D				57				0		
		D				33				1						D				58				0		
		D				34				1						D				59				1		
		D				35				0																
		D				36				0						E				25				0		
		D				37				1						E				26				0		
		D				38				0						E				27				0		
		D				39				0						E				28				0		
		D				40				1						E				29				0		
		D				41				0						E				30				0		
		D				42				0						E				31				1		
		D				43				0						E				32				0		
		D				44				0						E				33				0		
		D				45				0						E				34				1		
		D				46				1						E				35				0		
		D				47				0						E				36				1		
		D				48				0						E				37				1		
		D				49				0						E				38				0		

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
E	39	0
E	40	0
E	41	0
E	42	0
E	43	0
E	44	0

Table 2.7-120— SSES 197' (60m) Annual Stability Persistence Summary for Year 2005

SSES JAN05-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																								
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**
		E				45				0																
		E				46				0																
		E				47				0																
		E				48				0																
		E				49				0																
		E				50				0																
		E				51				0																
		E				52				0																
		E				53				0																
		E				54				1																

Table 2.7-121— SSES 197' (60m) Annual Stability Persistence Summary for Year 2006

SSES JAN06-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																									
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	37	21	14	10	16	11	13	17	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	145
	26	40	50	57	68	75	84	96	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	144	27	5	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	178
	81	96	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	199	35	5	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	245
	81	96	98	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	205	120	90	45	30	23	20	21	15	6	9	7	4	5	7	3	5	0	0	3	1	2	2	3	26	652
	31	50	64	71	75	79	82	85	87	88	90	91	91	92	93	94	94	94	94	95	95	95	96	96	100	
E	258	154	91	58	30	25	24	15	12	14	4	5	5	4	1	4	1	1	3	0	0	0	0	0	3	712
	36	58	71	79	83	87	90	92	94	96	96	97	98	98	98	99	99	99	100	100	100	100	100	100	100	
F	183	70	41	43	12	15	8	10	4	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	391
	47	65	75	86	89	93	95	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
G	40	28	12	13	15	5	3	4	13	5	1	1	0	2	1	1	2	1	0	0	0	0	0	0	0	147
	27	46	54	63	73	77	79	82	90	94	95	95	95	97	97	98	99	100	0	0	0	0	0	0	0	
TOTAL	1066	455	258	175	105	79	68	67	49	29	15	14	9	11	9	8	8	2	3	3	1	2	2	3	29	2470

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	25	1
D	26	3

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	49	0
D	50	2

Table 2.7-121— SSES 197' (60m) Annual Stability Persistence Summary for Year 2006

SSES JAN06-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																								
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**
		D				27				1						D				51				0		
		D				28				1						D				52				0		
		D				29				2						D				53				0		
		D				30				0						D				54				0		
		D				31				2						D				55				0		
		D				32				0						D				56				0		
		D				33				0						D				57				0		
		D				34				2						D				58				1		
		D				35				0						D				59				0		
		D				36				0						D				60				1		
		D				37				0						D				61				1		
		D				38				0						D				62				0		
		D				39				2						D				63				1		
		D				40				1						D				64				0		
		D				41				0						D				65				0		
		D				42				0						D				66				0		
		D				43				1						D				67				0		
		D				44				1						D				68				0		
		D				45				0						D				69				0		
		D				46				1						D				70				1		
		D				47				0						D				71				0		
		D				48				0						D				72				0		

PERSISTENCE GREATER THAN 24 HOURS

STABILITY	HOURS	NUMBER
D	73	0
D	74	0
D	75	0
D	76	0
D	77	1

Table 2.7-121— SSES 197' (60m) Annual Stability Persistence Summary for Year 2006

SSES JAN06-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)
197.0 FT WIND DATA
STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

	STABILITY PERSISTENCE (HOURS)																								
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**
		E				25				1																
		E				26				0																
		E				27				0																
		E				28				1																
		E				29				0																
		E				30				1																

Table 2.7-122— SSES 197' (60m) Annual Stability Persistence Summary for the Years 2001 - 2006

STABILITY PERSISTENCE SUMMARY - NUMBER OF OBSERVATIONS AND PERCENT PROBABILITY

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	47.0	23.2	12.8	10.8	7.5	7.8	6.3	6.7	2.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	125.0
	37.8	50.0	57.5	66.2	69.8	75.0	61.5	66.0	50.3	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0
B	120.2	33.8	9.8	1.8	1.3	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	167.3
	75.7	79.8	82.3	82.8	83.2	33.3	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.3
C	175.7	39.0	12.7	4.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	233.3
	87.5	82.0	83.0	83.3	66.7	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.5
D	179.5	116.7	70.5	41.5	29.7	19.8	16.3	15.8	12.7	8.3	6.8	6.0	4.8	3.7	5.3	4.2	3.5	1.3	1.2	1.8	1.5	1.7	2.2	1.7	12.8	569.3
	58.5	65.2	67.8	69.7	70.7	70.3	73.3	76.5	77.7	79.5	79.0	79.0	78.7	78.8	79.5	80.0	81.2	80.5	80.5	81.0	81.2	81.0	81.7	81.7	85.3	120.8
E	202.7	119.8	68.5	47.0	30.0	23.7	19.3	16.2	10.3	7.3	5.8	4.3	4.5	3.0	2.2	2.5	1.7	1.2	1.0	0.5	0.7	0.0	0.2	0.3	1.3	574.0
	77.0	73.3	74.3	73.2	74.3	77.0	77.2	78.8	80.7	81.0	82.2	81.5	82.3	82.0	83.0	82.5	82.8	66.2	66.5	66.5	66.7	50.0	49.8	49.8	33.3	129.7
F	146.8	60.0	36.3	27.3	16.0	11.8	7.7	6.7	3.2	2.2	1.7	0.5	0.7	0.2	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	321.3
	62.7	68.3	70.2	73.7	79.2	79.7	80.7	82.2	82.7	82.5	66.5	66.5	50.0	33.3	16.7	16.7	16.7	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.5
G	39.0	21.0	12.7	10.8	9.7	5.3	3.5	5.8	5.8	4.2	1.8	2.2	1.8	1.2	1.2	0.7	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	127.5
	31.0	42.7	49.8	56.3	62.7	65.2	68.2	71.8	75.0	77.3	78.7	80.2	80.7	82.0	82.2	82.7	50.0	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.2
TOTAL	910.8	413.5	223.3	144.0	94.8	69.3	53.3	51.2	34.7	22.2	16.2	13.0	11.8	8.0	8.8	7.3	5.8	2.8	2.2	2.3	2.2	1.7	2.3	2.0	14.2	2117.8

Table 2.7-123— Temperature Inversion Frequency and Persistence, Year 2001

DURATION (HOURS)	NUMBER OF OBSERVATIONS	PERCENT PROBABILITY
1	72	17.39
2	44	28.02
3	32	35.75
4	18	40.10
5	21	45.17
6	10	47.58
7	17	51.69
8	16	55.56
9	16	59.42
10	15	63.04
11	28	69.81
12	32	77.54
13	25	83.57
14	14	86.96
15	19	91.55
16	15	95.17
17	9	97.34
18	8	99.28
19	1	99.52
20	1	99.76
21	0	99.76
22	1	100.00

THE LONGEST INVERSION LASTED 22 HOURS

OF THE LONGEST INVERSIONS
NUMBER 1 STARTED 18 HOURS INTO DAY 347

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

Table 2.7-124— Temperature Inversion Frequency and Persistence, Year 2002

DURATION (HOURS)	NUMBER OF OBSERVATIONS	PERCENT PROBABILITY
1	59	15.49
2	39	25.72
3	27	32.81
4	20	38.06
5	16	42.26
6	27	49.34
7	18	54.07
8	13	57.48
9	14	61.15
10	9	63.52
11	20	68.77
12	24	75.07
13	37	84.78
14	15	88.71
15	12	91.86
16	12	95.01
17	5	96.33
18	8	98.43
19	3	99.21
20	1	99.48
21	1	99.74
22	0	99.74
23	0	99.74
24	0	99.74
25	0	99.74
26	0	99.74
27	1	100.00

THE LONGEST INVERSION LASTED 27 HOURS

OF THE LONGEST INVERSIONS
NUMBER 1 STARTED 20 HOURS INTO DAY 23

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

Table 2.7-125— Temperature Inversion Frequency and Persistence, Year 2003

DURATION (HOURS)	NUMBER OF OBSERVATIONS	PERCENT PROBABILITY
1	70	18.37
2	48	30.97
3	30	38.85
4	17	43.31
5	14	46.98
6	14	50.66
7	20	55.91
8	23	61.94
9	13	65.35
10	15	69.29
11	10	71.92
12	24	78.22
13	24	84.51
14	20	89.76
15	14	93.44
16	10	96.06
17	10	98.69
18	1	98.95
19	2	99.48
20	1	99.74
21	0	99.74
22	1	100.00

THE LONGEST INVERSION LASTED 22 HOURS

OF THE LONGEST INVERSIONS
NUMBER 1 STARTED 16 HOURS INTO DAY 356

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

Table 2.7-126— Temperature Inversion Frequency and Persistence, Year 2004

DURATION (HOURS)	NUMBER OF OBSERVATIONS	PERCENT PROBABILITY
1	96	22.91
2	42	32.94
3	30	40.10
4	22	45.35
5	23	50.84
6	17	54.89
7	20	59.67
8	13	62.77
9	21	67.78
10	21	72.79
11	18	77.09
12	22	82.34
13	23	87.83
14	21	92.84
15	14	96.18
16	6	97.61
17	7	99.28
18	1	99.52
19	2	100.0

THE LONGEST INVERSION LASTED 19 HOURS

OF THE LONGEST INVERSIONS
NUMBER 1 STARTED 17 HOURS INTO DAY 61
NUMBER 2 STARTED 19 HOURS INTO DAY 364

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

Table 2.7-127— Temperature Inversion Frequency and Persistence, Year 2005

DURATION (HOURS)	NUMBER OF OBSERVATIONS	PERCENT PROBABILITY
1	70	17.03
2	34	25.30
3	22	30.66
4	39	40.15
5	11	42.82
6	18	47.20
7	13	50.36
8	7	52.07
9	14	55.47
10	20	60.34
11	25	66.42
12	46	77.62
13	32	85.40
14	12	88.32
15	18	92.70
16	10	95.13
17	11	97.81
18	4	98.78
19	1	99.03
20	2	99.51
21	1	99.76
22	1	100.00

THE LONGEST INVERSION LASTED 22 HOURS

OF THE LONGEST INVERSIONS
NUMBER 1 STARTED 18 HOURS INTO DAY 357

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

Table 2.7-128— Temperature Inversion Frequency and Persistence, Year 2006

DURATION (HOURS)	NUMBER OF OBSERVATIONS	PERCENT PROBABILITY
1	74	18.73
2	32	26.84
3	31	34.68
4	22	40.25
5	17	44.56
6	19	49.37
7	20	54.43
8	19	59.24
9	21	64.56
10	22	70.13
11	21	75.44
12	25	81.77
13	17	86.08
14	18	90.63
15	10	93.16
16	6	94.68
17	7	96.46
18	6	97.97
19	5	99.24

THE LONGEST INVERSION LASTED 20 HOURS

OF THE LONGEST INVERSIONS
NUMBER 1 STARTED 19 HOURS INTO DAY 12
NUMBER 2 STARTED 18 HOURS INTO DAY 20
NUMBER 3 STARTED 19 HOURS INTO DAY 29

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

Table 2.7-129— Design Input for AEOLUS3 Normal Effluent χ/Q Runs

(Page 1 of 8)

Parameter	Value(s)
Wind speed group upper limits for AEOLUS3	0.224, 0.5, 1.0, 1.5, 2.0,3.0, 4.0, 5.0, 6.0, 8.0, 10.0, 50.0 meters/second
AEOLUS3 wind speed assigned to calms	0.25 miles per hour
Anemometer starting speed	0.5 miles per hour
The annual average mixing layer height at SSES	900 meters (Conservative, low value)
Temperature sensor separation for SSES	60m - 10m or 50 meters
Wind instrument heights for SSES	10m, 60m
SSES 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 (10m, 60m), wind direction (10m, 60m), temperature, dew point temperature, delta temperature(60m-10m), precipitation
Finished floor grade	720 feet
Site boundary distances, terrain heights, and recirculation correction factors (RCF's)(in meters, meters above finished floor grade, and dimensionless, respectively)	sector / distance / height / RCF's N / 418.4 / 73.2 / 1.05 NNE / 425.5 / 73.2 / 1.37 NE / 506.8 / 42.7 / 1.44 ENE / 518.8 / 12.2 / 1.47 E / 478.1 / 0.0 / 1.55 ESE / 322.7 / 0.0 / 1.43 SE / 270.1 / 0.0 / 1.09 SSE / 263.0 / 0.0 / 1.32 S / 263.0 / 0.0 / 1.00 SSW / 267.7 / 0.0 / 1.33 SW / 267.7 / 0.0 / 1.00 WSW / 251.0 / 18.3 / 1.00 W / 239.1 / 36.6 / 1.01 WNW / 239.1 / 36.6 / 1.19 NW / 243.8 / 61.0 / 1.00 NNW / 358.6 / 73.2 / 1.00
Stack flow rate for normal operations	242,458 cfm This is a conservative value; the actual flow rate for normal operations will be higher. Flow rates from the references are for the two largest contributors to the flow and total more than242,458 cfm.
Stack inner diameter	3.8 meters Note that this is listed as the outside diameter of the stack and so the inner diameter should be somewhat smaller; a test run was made in another calculation using an inner diameter of 3.7 meters and was found to produce lower χ/Q's. Thus, using 3.8 meters as the stack inner diameter produces conservative χ/Q's.
Stack height	62 meters (2 meters above assumed Reactor Building)

Table 2.7-129— Design Input for AEOLUS3 Normal Effluent χ/Q Runs
(Page 2 of 8)

Parameter	Value(s)		
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) 2940m2 (60m X 49m)		
Maximum Terrain Heights and Recirculation Correction Factors (RCF's) 0.5miles	Values in meters above finished floor grade and dimensionless, respectively.		
	Sector	Height	RCF's
	N	73.2	1.05
	NNE	73.2	1.37
	NE	42.7	1.44
	ENE	12.2	1.47
	E	0.0	1.55
	ESE	0.0	1.43
	SE	0.0	1.09
	SSE	0.0	1.32
	S	0.0	1
	SSW	0.0	1.33
	SW	0.0	1
	WSW	18.3	1
	W	36.6	1.01
	WNW	36.6	1.19
	NW	61.0	1
	NNW	73.2	1
1.0 mile	Values in meters above finished floor grade and dimensionless, respectively.		
	Sector	Height	RCF's
	N	109.7	1.12
	NNE	109.7	1.32
	NE	103.6	1.31
	ENE	54.9	1.07
	E	0.0	1.21
	ESE	0.0	1.37
	SE	0.0	1
	SSE	0.0	1.32
	S	18.3	1
	SSW	18.3	1.21
	SW	18.3	1
	WSW	36.6	1
	W	115.8	1.07
	WNW	115.8	1.24
	NW	85.3	1
	NNW	103.6	1

Table 2.7-129— Design Input for AEOLUS3 Normal Effluent χ/Q Runs

(Page 3 of 8)

Parameter	Value(s)		
2.0 miles	Values in meters above finished floor grade and dimensionless, respectively.		
	Sector	Height	RCF's
	N	121.9	1.32
	NNE	109.7	1.21
	NE	103.6	1.17
	ENE	54.9	1.06
	E	0.0	1.08
	ESE	30.5	1.17
	SE	36.6	1
	SSE	36.6	1.12
	S	18.3	1
	SSW	30.5	1.12
	SW	18.3	1
	WSW	79.2	1
	W	121.9	1
	WNW	134.1	1
	NW	134.1	1
	NNW	121.9	1
3.0 miles	Values in meters above finished floor grade and dimensionless, respectively.		
	Sector	Height	RCF's
	N	225.6	1.2
	NNE	225.6	1.27
	NE	103.6	1.06
	ENE	103.6	1.03
	E	152.4	1.05
	ESE	152.4	1.11
	SE	109.7	1
	SSE	85.3	1.19
	S	85.3	1
	SSW	73.2	1.09
	SW	42.7	1
	WSW	158.5	1
	W	158.5	1
	WNW	134.1	1
	NW	237.7	1.01
	NNW	237.7	1

Table 2.7-129— Design Input for AEOLUS3 Normal Effluent χ/Q Runs
(Page 4 of 8)

Parameter	Value(s)		
4.0 miles	Values in meters above finished floor grade and dimensionless, respectively.		
	Sector	Height	RCF's
	N	225.6	1.08
	NNE	225.6	1.18
	NE	195.1	1.13
	ENE	152.4	1.05
	E	170.7	1.11
	ESE	170.7	1.33
	SE	109.7	1
	SSE	97.5	1.02
	S	91.4	1
	SSW	79.2	1.1
	SW	73.2	1
	WSW	158.5	1
	W	158.5	1
	WNW	249.9	1
	NW	249.9	1
	NNW	237.7	1
5.0 miles	Values in meters above finished floor grade and dimensionless, respectively.		
	Sector	Height	RCF's
	N	243.8	1
	NNE	225.6	1.08
	NE	207.3	1
	ENE	170.7	1
	E	170.7	1.01
	ESE	213.4	1.18
	SE	317.0	1
	SSE	317.0	1.06
	S	292.6	1
	SSW	207.3	1
	SW	73.2	1
	WSW	158.5	1
	W	256.0	1
	WNW	280.4	1
	NW	280.4	1
	NNW	280.4	1

Table 2.7-129— Design Input for AEOLUS3 Normal Effluent χ/Q Runs
(Page 5 of 8)

Parameter	Value(s)		
10 miles	Values in meters above finished floor grade and dimensionless, respectively.		
	Sector	Height	RCF's
	N	243.8	1
	NNE	225.6	1
	NE	231.6	1
	ENE	220.5	1
	E	300.5	1
	ESE	335.3	1.02
	SE	335.3	1
	SSE	360.5	1
	S	360.5	1
	SSW	360.5	1
	SW	360.5	1
	WSW	240.5	1
	W	300.5	1
	WNW	300.5	1
	NW	280.4	1
	NNW	280.4	1
20 miles	Values in meters above finished floor grade and dimensionless, respectively.		
	Sector	Height	RCF's
	N	520.5	1
	NNE	460.5	1
	NE	440.5	1
	ENE	400.5	1
	E	400.5	1
	ESE	358.5	1
	SE	335.3	1
	SSE	380.5	1
	S	380.5	1
	SSW	360.5	1
	SW	360.5	1
	WSW	260.5	1
	W	300.5	1
	WNW	300.5	1
	NW	480.5	1
	NNW	520.5	1

Table 2.7-129— Design Input for AEOLUS3 Normal Effluent χ/Q Runs

(Page 6 of 8)

Parameter	Value(s)		
30 miles	Values in meters above finished floor grade and dimensionless, respectively.		
	Sector	Height	RCF's
	N	520.5	1
	NNE	507.5	1
	NE	440.5	1
	ENE	440.5	1
	E	400.5	1
	ESE	380.5	1
	SE	335.3	1
	SSE	380.5	1
	S	380.5	1
	SSW	360.5	1
	SW	360.5	1
	WSW	260.5	1
	W	300.5	1
	WNW	360.5	1
	NW	539.5	1
	NNW	520.5	1
40 miles	Values in meters above finished floor grade and dimensionless, respectively.		
	Sector	Height	RCF's
	N	520.5	1
	NNE	507.5	1
	NE	440.5	1
	ENE	440.5	1
	E	402.5	1
	ESE	400.5	1
	SE	335.3	1
	SSE	380.5	1
	S	380.5	1
	SSW	360.5	1
	SW	360.5	1
	WSW	260.5	1
	W	340.5	1
	WNW	360.5	1
	NW	539.5	1
	NNW	520.5	1

Table 2.7-129— Design Input for AEOLUS3 Normal Effluent χ/Q Runs
(Page 7 of 8)

Parameter	Value(s)			
50 miles	Values in meters above finished floor grade and dimensionless, respectively.			
	Sector	Height	RCF's	
	N	520.5	1	
	NNE	507.5	1	
	NE	460.5	1	
	ENE	460.5	1	
	E	420.5	1	
	ESE	420.5	1	
	SE	335.3	1	
	SSE	380.5	1	
	S	380.5	1	
	SSW	360.5	1	
	SW	360.5	1	
	WSW	340.5	1	
	W	380.5	1	
	WNW	500.5	1	
	NW	539.5	1	
	NNW	520.5	1	
Nearest Resident locations distance, terrain heights, and recirculation correction factors(RCF's) (in meters, meters above finished floor grade, and dimensionless, respectively).	Sector	Distance	Height	RCF's
	N	1254.	109.7	1.12
	NNE	1266.	109.7	1.32
	NE	1678.	103.6	1.31
	ENE	2892.	54.9	1.06
	E	2248.	0.0	1.21
	ESE	2281.	30.5	1.091.21
	SE	1271.	0.0	1.00
	SSE	1620.	36.6	1.32
	S	1749.	18.3	1.00
	SSW	1675.	30.5	1.21
	SW	756.	0.0	1.00
	WSW	1019.	36.6	1.00
	W	596.	36.6	1.01
	WNW	852.	115.8	1.19
	NW	748.	61.0	1.00
	NNW	1291.	103.6	1.00

Table 2.7-129— Design Input for AEOLUS3 Normal Effluent χ/Q Runs

(Page 8 of 8)

Parameter	Value(s)			
Nearest Garden locations distance, terrain heights, and recirculation correction factors(RCF's) (in meters, meters above finished floor grade, and dimensionless, respectively).	Sector	Distance	Height	RCF's
	N	833.	109.7	1.05
	NNE	1395.	109.7	1.32
	NE	2284.	103.6	1.31
	ENE	2785.	54.9	1.06
	E	2266.	0.0	1.21
	ESE	1786.	30.5	1.37
	SE	1467.	0.0	1.00
	SSE	1619.	36.6	1.32
	S	811.	18.3	1.00
	SSW	408.	0.0	1.33
	SW	454.	0.0	1.00
	WSW	596.	18.3	1.00
	W	819.	115.8	1.01
	WNW	1424.	115.8	1.24
	NW	730.	61.0	1.00
	NNW	1338.	103.6	1.00
Nearest Milk Animal locations distance, terrain heights, and recirculation correction factors (RCF's)(in meters, meters above finished floor grade, and dimensionless, respectively).	Sector	Distance	Height	RCF's
	S	4855.	91.4	1.00
	SSW	1191.	18.3	1.33
	W	6492.	256.0	1.00
	WNW	6469.	280.4	1.00
	NNW	6388.	237.7	1.00
Nearest Hypothetical Meat Animal locations distance, terrain heights, and recirculation correction factors (RCF's)(in meters, meters above finished floor grade, and dimensionless, respectively).	Sector	Distance	Height	RCF's
	N	804.	73.2	1.05
	NNE	824.	109.7	1.37
	NE	994.	103.6	1.44
	ENE	2208.	54.9	1.07
	E	2154.	0.0	1.21
	ESE	1786.	30.5	1.37
	SE	938.	0.0	1.09
	SSE	819.	0.0	1.32
	S	799.	0.0	1.00
	SSW	918.	18.3	1.33
	SW	628.	0.0	1.00
	WSW	537.	18.3	1.00
	W	534.	36.6	1.01
	WNW	545.	36.6	1.19
	NW	656.	61.0	1.00
	NNW	806.	103.6	1.00

Table 2.7-130— Normal Effluent Annual Average, Undecayed, Undepleted χ/Q Values (sec/m^3) for a Mixed Mode Release With Building Wake from 0.5 to 5 Miles

SECTOR	0.5	0.75	1	1.5	2	2.5	3	3.5	4	4.5	5
N	1.757E-06	1.339E-06	8.982E-07	4.803E-07	3.641E-07	2.616E-07	1.809E-07	1.438E-07	1.062E-07	8.936E-08	7.095E-08
NNE	2.277E-06	1.625E-06	9.828E-07	5.188E-07	3.055E-07	2.195E-07	1.749E-07	1.388E-07	1.057E-07	8.878E-08	6.958E-08
NE	1.120E-06	1.530E-06	8.746E-07	4.596E-07	2.621E-07	1.858E-07	1.274E-07	1.013E-07	8.826E-08	7.393E-08	5.588E-08
ENE	4.780E-07	5.145E-07	2.598E-07	1.496E-07	9.861E-08	7.909E-08	5.799E-08	4.596E-08	3.819E-08	3.191E-08	2.590E-08
E	2.480E-07	1.486E-07	8.417E-08	5.514E-08	3.628E-08	4.694E-08	3.437E-08	2.708E-08	2.331E-08	1.946E-08	1.508E-08
ESE	1.769E-07	1.069E-07	7.518E-08	6.885E-08	4.130E-08	3.946E-08	2.818E-08	2.219E-08	2.164E-08	1.805E-08	1.362E-08
SE	2.317E-07	1.395E-07	9.295E-08	8.608E-08	5.914E-08	5.328E-08	4.016E-08	3.164E-08	2.577E-08	2.157E-08	1.836E-08
SSE	3.050E-07	1.842E-07	1.342E-07	1.270E-07	7.427E-08	6.693E-08	5.373E-08	4.258E-08	2.977E-08	2.496E-08	2.210E-08
S	2.607E-07	1.894E-07	1.493E-07	1.050E-07	7.903E-08	1.011E-07	7.670E-08	6.100E-08	4.992E-08	4.212E-08	3.597E-08
SSW	5.075E-07	3.521E-07	2.590E-07	2.430E-07	1.721E-07	2.173E-07	1.625E-07	1.328E-07	1.103E-07	9.500E-08	7.398E-08
SW	4.838E-07	3.002E-07	2.389E-07	1.859E-07	1.542E-07	2.169E-07	1.807E-07	2.575E-07	2.146E-07	1.828E-07	1.584E-07
WSW	8.746E-07	5.828E-07	5.006E-07	2.103E-06	1.391E-06	1.054E-06	8.140E-07	6.558E-07	5.450E-07	4.634E-07	4.014E-07
W	2.179E-07	2.916E-06	1.930E-06	1.030E-06	6.247E-07	4.534E-07	3.477E-07	2.785E-07	2.302E-07	1.950E-07	1.681E-07
WNW	1.765E-07	1.789E-06	1.170E-06	6.329E-07	3.292E-07	2.358E-07	1.802E-07	1.446E-07	1.191E-07	1.004E-07	8.635E-08
NW	6.578E-07	1.175E-06	7.514E-07	4.378E-07	2.815E-07	2.024E-07	1.555E-07	1.237E-07	1.006E-07	8.467E-08	7.264E-08
NNW	1.240E-06	1.020E-06	6.440E-07	3.503E-07	2.258E-07	1.631E-07	1.241E-07	9.873E-08	8.111E-08	6.826E-08	5.856E-08

Table 2.7-131— Normal Effluent Annual Average, Undecayed, Undepleted χ/Q Values (sec/m^3) for a Mixed Mode Release With Building Wake from 7.5 to 50 Miles

SECTOR	7.5	10	15	20	25	30	35	40	45	50
N	3.949E-08	2.621E-08	1.483E-08	9.943E-09	7.308E-09	5.690E-09	4.609E-09	3.843E-09	3.275E-09	2.840E-09
NNE	3.852E-08	2.358E-08	1.327E-08	8.861E-09	6.493E-09	5.043E-09	4.076E-09	3.392E-09	2.886E-09	2.499E-09
NE	3.065E-08	2.015E-08	1.128E-08	7.512E-09	5.494E-09	4.262E-09	3.442E-09	2.863E-09	2.435E-09	2.108E-09
ENE	1.406E-08	9.167E-09	5.065E-09	3.340E-09	2.424E-09	1.868E-09	1.500E-09	1.242E-09	1.051E-09	9.065E-10
E	8.150E-09	5.242E-09	2.874E-09	1.883E-09	1.359E-09	1.043E-09	8.338E-10	6.875E-10	5.802E-10	4.987E-10
ESE	7.342E-09	4.110E-09	2.241E-09	1.434E-09	1.031E-09	7.886E-10	6.290E-10	5.174E-10	4.357E-10	3.738E-10
SE	9.898E-09	6.413E-09	3.499E-09	2.284E-09	1.643E-09	1.257E-09	1.003E-09	8.253E-10	6.952E-10	5.965E-10
SSE	1.197E-08	7.348E-09	4.034E-09	2.647E-09	1.912E-09	1.468E-09	1.174E-09	9.688E-10	8.180E-10	7.034E-10
S	1.970E-08	1.292E-08	7.189E-09	4.762E-09	3.467E-09	2.679E-09	2.156E-09	1.787E-09	1.515E-09	1.308E-09
SSW	4.099E-08	2.712E-08	1.527E-08	1.020E-08	7.478E-09	5.810E-09	4.698E-09	3.911E-09	3.329E-09	2.883E-09
SW	9.552E-08	6.454E-08	3.745E-08	2.558E-08	1.908E-08	1.504E-08	1.232E-08	1.036E-08	8.907E-09	7.781E-09
WSW	2.326E-07	1.590E-07	9.377E-08	6.480E-08	4.878E-08	3.873E-08	3.191E-08	2.699E-08	2.330E-08	2.044E-08
W	9.585E-08	6.477E-08	3.759E-08	2.568E-08	1.916E-08	1.511E-08	1.237E-08	1.041E-08	8.946E-09	7.815E-09
WNW	4.860E-08	3.255E-08	1.865E-08	1.262E-08	9.354E-09	7.332E-09	5.973E-09	5.005E-09	4.286E-09	3.731E-09
NW	4.055E-08	2.698E-08	1.533E-08	1.031E-08	7.595E-09	5.925E-09	4.809E-09	4.016E-09	3.428E-09	2.976E-09
NNW	3.267E-08	2.173E-08	1.233E-08	8.281E-09	6.096E-09	4.753E-09	3.855E-09	3.217E-09	2.745E-09	2.382E-09

Table 2.7-132— Normal Effluent Annual Average, Undecayed, Undepleted χ/Q Values (sec/m^3) for Mixed Mode Release With Building Wake for Site Boundary Receptors

DOWNWIND SECTOR	Distance (m)	χ/Q (sec/m^3) Site Boundary
N	418.4	3.495E-06
NNE	425.5	4.875E-06
NE	506.8	1.835E-06
ENE	518.8	8.727E-07
E	478.1	5.118E-07
ESE	322.7	7.094E-07
SE	270.1	1.283E-06
SSE	263.0	1.785E-06
S	263.0	1.557E-06
SSW	267.7	3.072E-06
SW	267.7	3.133E-06
WSW	251.0	6.781E-06
W	239.1	1.368E-06
WNW	239.1	9.671E-07
NW	243.8	1.229E-06
NNW	358.6	2.456E-06

Table 2.7-133— Normal Effluent Annual Average, Undecayed, Undepleted χ/Q Values (sec/m^3) for a Mixed Mode Release With Building Wake for Nearest Residents

SECTOR	DISTANCE (m)	χ/Q Values (sec/m^3)
N	1254	1.343E-06
NNE	1266	1.449E-06
NE	1678	8.178E-07
ENE	2892	1.148E-07
E	2248	5.937E-08
ESE	2281	7.359E-08
SE	1271	1.207E-07
SSE	1620	2.047E-07
S	1749	1.393E-07
SSW	1675	3.217E-07
SW	756	5.312E-07
WSW	1019	6.793E-07
W	596	3.019E-07
WNW	852	3.234E-06
NW	748	6.697E-07
NNW	1291	9.154E-07

Table 2.7-134— Normal Effluent Annual Average, Undecayed, Undepleted χ/Q Values (sec/m^3) for Mixed Mode Release With Building Wake for Nearest Gardens

SECTOR	DISTANCE (m)	χ/Q Values (sec/m^3)
N	833	2.489E-06
NNE	1395	1.237E-06
NE	2284	5.014E-07
ENE	2785	1.211E-07
E	2266	5.888E-08
ESE	1786	9.678E-08
SE	1467	1.028E-07
SSE	1619	2.048E-07
S	811	2.784E-07
SSW	408	1.472E-06
SW	454	1.239E-06
WSW	596	1.465E-06
W	819	1.423E-06
WNW	1424	1.423E-06
NW	730	6.729E-07
NNW	1338	8.640E-07

Table 2.7-135— Normal Effluent Annual Average, Undecayed, Undepleted χ/Q Values (sec/m^3) for Mixed Mode Release With Building Wake for Nearest Milk Animals

SECTOR	DISTANCE (m)	χ/Q Values (sec/m^3) Nearest Milk Animals
S	4855	7.634E-08
SSW	1191	3.564E-07
W	6492	2.275E-07
WNW	6469	1.182E-07
NNW	6388	8.201E-08

Table 2.7-136— Normal Effluent Annual Average, Undecayed, Undepleted χ/Q Values (sec/m^3) for Mixed Mode Release With Building Wake for Nearest Hypothetical Meat Animals

SECTOR	DISTANCE (m)	χ/Q Values (sec/m^3) Nearest Hypothetical Meat Animals
N	804	1.760E-06
NNE	824	3.075E-06
NE	994	2.112E-06
ENE	2208	1.693E-07
E	2154	6.205E-08
ESE	1786	9.678E-08
SE	938	1.900E-07
SSE	819	2.982E-07
S	799	2.632E-07
SSW	918	4.597E-07
SW	628	7.178E-07
WSW	537	1.759E-06
W	534	3.555E-07
WNW	545	2.558E-07
NW	656	6.870E-07
NNW	806	1.998E-06

Table 2.7-137— Normal Effluent Annual Average, Decayed, Depleted χ/Q Values (sec/m^3) for Mixed Mode Release With Building Wake from 0.5 to 5 Miles

SECTOR	0.5	0.75	1	1.5	2	2.5	3	3.5	4	4.5	5
N	1.729E-06	1.314E-06	8.760E-07	4.592E-07	3.448E-07	2.140E-07	1.451E-07	1.134E-07	8.245E-08	6.806E-08	5.328E-08
NNE	2.233E-06	1.583E-06	9.504E-07	4.955E-07	2.888E-07	1.791E-07	1.400E-07	1.092E-07	8.182E-08	6.770E-08	5.233E-08
NE	1.058E-06	1.467E-06	8.296E-07	4.282E-07	2.407E-07	1.685E-07	1.143E-07	8.004E-08	6.864E-08	5.644E-08	4.207E-08
ENE	4.402E-07	4.860E-07	2.435E-07	1.381E-07	8.983E-08	7.039E-08	5.097E-08	3.760E-08	3.081E-08	2.469E-08	1.977E-08
E	2.274E-07	1.342E-07	7.569E-08	4.938E-08	3.232E-08	3.970E-08	2.860E-08	2.158E-08	1.830E-08	1.505E-08	1.151E-08
ESE	1.621E-07	9.661E-08	6.773E-08	6.328E-08	3.754E-08	3.326E-08	2.335E-08	1.767E-08	1.697E-08	1.373E-08	1.022E-08
SE	2.122E-07	1.259E-07	8.357E-08	7.893E-08	5.355E-08	4.686E-08	3.485E-08	2.713E-08	2.184E-08	1.632E-08	1.369E-08
SSE	2.795E-07	1.663E-07	1.208E-07	1.167E-07	6.744E-08	5.992E-08	4.752E-08	3.702E-08	2.560E-08	1.889E-08	1.648E-08
S	2.392E-07	1.741E-07	1.376E-07	9.667E-08	7.244E-08	9.351E-08	7.031E-08	5.535E-08	4.493E-08	3.188E-08	2.684E-08
SSW	4.654E-07	3.221E-07	2.381E-07	2.278E-07	1.608E-07	2.059E-07	1.530E-07	1.243E-07	1.027E-07	7.272E-08	5.584E-08
SW	4.430E-07	2.728E-07	2.181E-07	1.713E-07	1.426E-07	2.066E-07	1.717E-07	2.488E-07	2.067E-07	1.755E-07	1.516E-07
WSW	8.000E-07	5.362E-07	4.659E-07	2.078E-06	1.371E-06	9.069E-07	6.901E-07	5.487E-07	4.501E-07	3.780E-07	3.235E-07
W	2.035E-07	2.897E-06	1.915E-06	1.012E-06	6.115E-07	3.997E-07	3.027E-07	2.396E-07	1.959E-07	1.484E-07	1.262E-07
WNW	1.659E-07	1.775E-06	1.158E-06	6.094E-07	3.146E-07	2.238E-07	1.700E-07	1.141E-07	9.251E-08	7.648E-08	6.484E-08
NW	6.450E-07	1.164E-06	7.425E-07	4.187E-07	2.667E-07	1.659E-07	1.251E-07	9.755E-08	7.809E-08	6.444E-08	5.452E-08
NNW	1.225E-06	1.007E-06	6.328E-07	3.382E-07	2.162E-07	1.335E-07	9.967E-08	7.790E-08	6.298E-08	5.190E-08	4.390E-08

Table 2.7-138— Normal Effluent Annual Average, Decayed, Depleted χ/Q Values (sec/m^3) for Mixed Mode Release With Building Wake from 7.5 to 50 Miles

SECTOR	7.5	10	15	20	25	30	35	40	45	50
N	2.809E-08	1.778E-08	9.226E-09	5.809E-09	4.045E-09	3.002E-09	2.328E-09	1.865E-09	1.530E-09	1.281E-09
NNE	2.746E-08	1.604E-08	8.253E-09	5.176E-09	3.594E-09	2.660E-09	2.059E-09	1.646E-09	1.348E-09	1.127E-09
NE	2.176E-08	1.364E-08	7.015E-09	4.388E-09	3.041E-09	2.248E-09	1.738E-09	1.389E-09	1.138E-09	9.503E-10
ENE	9.990E-09	6.214E-09	3.150E-09	1.951E-09	1.342E-09	9.855E-10	7.576E-10	6.022E-10	4.911E-10	4.086E-10
E	5.748E-09	3.523E-09	1.787E-09	1.100E-09	7.521E-10	5.499E-10	4.210E-10	3.334E-10	2.710E-10	2.248E-10
ESE	5.179E-09	2.763E-09	1.394E-09	8.376E-10	5.707E-10	4.160E-10	3.177E-10	2.510E-10	2.035E-10	1.685E-10
SE	6.983E-09	4.312E-09	2.178E-09	1.335E-09	9.105E-10	6.639E-10	5.072E-10	4.009E-10	3.252E-10	2.693E-10
SSE	8.442E-09	4.937E-09	2.509E-09	1.546E-09	1.058E-09	7.741E-10	5.931E-10	4.699E-10	3.821E-10	3.170E-10
S	1.389E-08	8.685E-09	4.471E-09	2.782E-09	1.919E-09	1.413E-09	1.089E-09	8.668E-10	7.079E-10	5.897E-10
SSW	2.890E-08	1.823E-08	9.497E-09	5.960E-09	4.139E-09	3.066E-09	2.373E-09	1.898E-09	1.555E-09	1.300E-09
SW	6.735E-08	4.337E-08	2.329E-08	1.494E-08	1.056E-08	7.936E-09	6.220E-09	5.028E-09	4.161E-09	3.508E-09
WSW	1.644E-07	1.071E-07	5.845E-08	3.794E-08	2.706E-08	2.049E-08	1.616E-08	1.313E-08	1.089E-08	9.218E-09
W	6.781E-08	4.368E-08	2.347E-08	1.507E-08	1.065E-08	8.008E-09	6.261E-09	5.062E-09	4.180E-09	3.523E-09
WNW	3.446E-08	2.200E-08	1.167E-08	7.427E-09	5.182E-09	3.871E-09	3.020E-09	2.430E-09	2.003E-09	1.683E-09
NW	2.882E-08	1.829E-08	9.536E-09	6.022E-09	4.205E-09	3.128E-09	2.430E-09	1.949E-09	1.602E-09	1.342E-09
NNW	2.319E-08	1.471E-08	7.670E-09	4.839E-09	3.375E-09	2.508E-09	1.948E-09	1.561E-09	1.283E-09	1.074E-09

Table 2.7-139— Normal Effluent Annual Average, Decayed, Depleted χ/Q Values (sec/m^3) for Mixed Mode Release With Building Wake for Site Boundary Receptors

DOWNWIND SECTOR	Distance (m)	χ/Q (sec/m^3) Site Boundary
N	418.4	3.445E-06
NNE	425.5	4.799E-06
NE	506.8	1.744E-06
ENE	518.8	8.194E-07
E	478.1	4.813E-07
ESE	322.7	6.774E-07
SE	270.1	1.232E-06
SSE	263.0	1.716E-06
S	263.0	1.497E-06
SSW	267.7	2.953E-06
SW	267.7	3.010E-06
WSW	251.0	6.529E-06
W	239.1	1.320E-06
WNW	239.1	9.330E-07
NW	243.8	1.191E-06
NNW	358.6	2.424E-06

Table 2.7-140— Normal Effluent Annual Average, Decayed, Depleted χ/Q Values (sec/m^3) for Mixed Mode Release With Building Wake for Nearest Residents

SECTOR	DISTANCE (m)	χ/Q Values (sec/m^3)
N	1254	1.32E-06
NNE	1266	1.41E-06
NE	1678	7.74E-07
ENE	2892	1.05E-07
E	2248	5.32E-08
ESE	2281	6.78E-08
SE	1271	1.09E-07
SSE	1620	1.90E-07
S	1749	1.29E-07
SSW	1675	3.01E-07
SW	756	4.88E-07
WSW	1019	6.22E-07
W	596	2.83E-07
WNW	852	3.22E-06
NW	748	6.56E-07
NNW	1291	9.02E-07

Table 2.7-141— Normal Effluent Annual Average, Decayed, Depleted χ/Q Values (sec/m^3) for Mixed Mode Release With Building Wake for Nearest Gardens

SECTOR	DISTANCE (m)	χ/Q Values (sec/m^3)
N	833	2.46E-06
NNE	1395	1.20E-06
NE	2284	4.68E-07
ENE	2785	1.11E-07
E	2266	5.28E-08
ESE	1786	8.97E-08
SE	1467	9.25E-08
SSE	1619	1.91E-07
S	811	2.57E-07
SSW	408	1.39E-06
SW	454	1.17E-06
WSW	596	1.36E-06
W	819	5.70E-06
WNW	1424	1.41E-06
NW	730	6.59E-07
NNW	1338	8.51E-07

Table 2.7-142— Normal Effluent Annual Average, Decayed, Depleted χ/Q Values (sec/m^3) for Mixed Mode Release With Building Wake for Nearest Milk Animals

SECTOR	DISTANCE (m)	χ/Q Values (sec/m^3)
S	4855	6.98E-08
SSW	1191	3.26E-07
W	6492	1.76E-07
WNW	6469	9.13E-08
NNW	6388	6.37E-08

Table 2.7-143— Normal Effluent Annual Average, Decayed, Depleted χ/Q Values (sec/m^3) for Mixed Mode Release With Building Wake for Nearest Hypothetical Meat Animals

DOWNWIND SECTOR	DISTANCE (m)	χ/Q Values (sec/m^3) Nearest Hypothetical Meat Animals
N	804	1.73E-06
NNE	824	3.02E-06
NE	994	2.04E-06
ENE	2208	1.57E-07
E	2154	5.57E-08
ESE	1786	8.97E-08
SE	938	1.73E-07
SSE	819	2.73E-07
S	799	2.42E-07
SSW	918	4.21E-07
SW	628	6.66E-07
WSW	537	1.64E-06
W	534	3.34E-07
WNW	545	2.41E-07
NW	656	6.72E-07
NNW	806	1.98E-06

Table 2.7-144— Normal Effluent Annual Average, Undecayed, Undepleted Gamma χ/Q Values (sec/m^3) for Mixed Mode Release With Building Wake from 0.5 to 5 Miles

SECTOR	0.5	0.75	1	1.5	2	2.5	3	3.5	4	4.5	5
N	7.959E-07	5.549E-07	4.141E-07	2.506E-07	2.052E-07	1.552E-07	1.117E-07	9.160E-08	6.943E-08	5.964E-08	4.820E-08
NNE	1.043E-06	7.095E-07	4.761E-07	2.845E-07	1.805E-07	1.362E-07	1.129E-07	9.238E-08	7.216E-08	6.187E-08	4.935E-08
NE	8.878E-07	7.363E-07	4.624E-07	2.725E-07	1.666E-07	1.239E-07	8.805E-08	7.195E-08	6.418E-08	5.481E-08	4.211E-08
ENE	3.714E-07	3.167E-07	1.638E-07	9.939E-08	6.839E-08	5.416E-08	4.119E-08	3.355E-08	2.854E-08	2.431E-08	2.006E-08
E	1.960E-07	1.273E-07	7.341E-08	4.754E-08	3.089E-08	3.190E-08	2.427E-08	1.970E-08	1.737E-08	1.479E-08	1.165E-08
ESE	1.411E-07	9.212E-08	6.541E-08	5.106E-08	3.101E-08	2.709E-08	2.010E-08	1.631E-08	1.630E-08	1.387E-08	1.065E-08
SE	1.762E-07	1.146E-07	7.757E-08	6.125E-08	4.321E-08	3.641E-08	2.850E-08	2.313E-08	1.929E-08	1.645E-08	1.424E-08
SSE	2.359E-07	1.535E-07	1.133E-07	9.015E-08	5.399E-08	4.527E-08	3.771E-08	3.073E-08	2.199E-08	1.879E-08	1.692E-08
S	2.403E-07	1.846E-07	1.379E-07	9.010E-08	6.578E-08	6.546E-08	5.154E-08	4.216E-08	3.533E-08	3.036E-08	2.637E-08
SSW	5.143E-07	4.037E-07	2.774E-07	2.064E-07	1.403E-07	1.356E-07	1.048E-07	8.700E-08	7.398E-08	6.457E-08	5.116E-08
SW	5.513E-07	4.436E-07	3.367E-07	2.281E-07	1.721E-07	1.733E-07	1.419E-07	1.437E-07	1.223E-07	1.060E-07	9.325E-08
WSW	1.179E-06	9.894E-07	7.513E-07	8.133E-07	5.810E-07	4.566E-07	3.679E-07	3.065E-07	2.617E-07	2.277E-07	2.011E-07
W	6.979E-07	9.557E-07	7.145E-07	4.381E-07	2.886E-07	2.214E-07	1.771E-07	1.466E-07	1.245E-07	1.078E-07	9.473E-08
WNW	4.913E-07	6.591E-07	4.834E-07	2.973E-07	1.676E-07	1.267E-07	1.009E-07	8.348E-08	7.055E-08	6.080E-08	5.322E-08
NW	5.797E-07	4.815E-07	3.410E-07	2.193E-07	1.525E-07	1.155E-07	9.244E-08	7.588E-08	6.331E-08	5.442E-08	4.753E-08
NNW	5.813E-07	4.131E-07	2.903E-07	1.782E-07	1.241E-07	9.430E-08	7.472E-08	6.133E-08	5.168E-08	4.442E-08	3.880E-08

Table 2.7-145— Normal Effluent Annual Average, Undecayed, Undepleted Gamma χ/Q Values (sec/m^3) for a Mixed Mode Release With Building Wake from 7.5 to 50 Miles

SECTOR	7.5	10	15	20	25	30	35	40	45	50
N	2.850E-08	1.962E-08	1.160E-08	7.976E-09	5.966E-09	4.705E-09	3.850E-09	3.236E-09	2.777E-09	2.422E-09
NNE	2.900E-08	1.840E-08	1.080E-08	7.393E-09	5.509E-09	4.332E-09	3.535E-09	2.965E-09	2.539E-09	2.210E-09
NE	2.440E-08	1.658E-08	9.641E-09	6.563E-09	4.871E-09	3.819E-09	3.109E-09	2.603E-09	2.225E-09	1.935E-09
ENE	1.150E-08	7.744E-09	4.440E-09	2.990E-09	2.200E-09	1.712E-09	1.385E-09	1.153E-09	9.807E-10	8.488E-10
E	6.663E-09	4.427E-09	2.519E-09	1.685E-09	1.233E-09	9.552E-10	7.696E-10	6.382E-10	5.411E-10	4.669E-10
ESE	6.070E-09	3.510E-09	1.986E-09	1.297E-09	9.452E-10	7.297E-10	5.862E-10	4.849E-10	4.101E-10	3.531E-10
SE	8.116E-09	5.429E-09	3.071E-09	2.045E-09	1.490E-09	1.150E-09	9.241E-10	7.643E-10	6.465E-10	5.566E-10
SSE	9.690E-09	6.141E-09	3.498E-09	2.343E-09	1.715E-09	1.329E-09	1.071E-09	8.888E-10	7.539E-10	6.507E-10
S	1.529E-08	1.037E-08	6.001E-09	4.066E-09	3.005E-09	2.347E-09	1.904E-09	1.589E-09	1.355E-09	1.175E-09
SSW	3.007E-08	2.060E-08	1.208E-08	8.272E-09	6.164E-09	4.846E-09	3.955E-09	3.317E-09	2.841E-09	2.473E-09
SW	5.805E-08	4.068E-08	2.467E-08	1.731E-08	1.315E-08	1.052E-08	8.704E-09	7.391E-09	6.399E-09	5.626E-09
WSW	1.246E-07	8.880E-08	5.514E-08	3.935E-08	3.030E-08	2.448E-08	2.045E-08	1.750E-08	1.525E-08	1.349E-08
W	5.762E-08	4.051E-08	2.467E-08	1.736E-08	1.322E-08	1.058E-08	8.774E-09	7.458E-09	6.463E-09	5.687E-09
WNW	3.187E-08	2.214E-08	1.326E-08	9.220E-09	6.958E-09	5.528E-09	4.552E-09	3.847E-09	3.318E-09	2.907E-09
NW	2.818E-08	1.944E-08	1.152E-08	7.944E-09	5.955E-09	4.705E-09	3.855E-09	3.245E-09	2.788E-09	2.434E-09
NNW	2.299E-08	1.585E-08	9.392E-09	6.471E-09	4.846E-09	3.827E-09	3.135E-09	2.637E-09	2.265E-09	1.976E-09

Table 2.7-146— Normal Effluent Annual Average, Undecayed, Undepleted Gamma χ/Q Values (sec/m^3) for Mixed Mode Release With Building Wake for Site Boundary Receptors

DOWNWIND SECTOR	Distance (m)	χ/Q (sec/m^3) Site Boundary
N	418.4	1.616E-06
NNE	425.5	2.123E-06
NE	506.8	1.464E-06
ENE	518.8	5.968E-07
E	478.1	3.318E-07
ESE	322.7	3.137E-07
SE	270.1	4.402E-07
SSE	263.0	5.961E-07
S	263.0	5.681E-07
SSW	267.7	1.172E-06
SW	267.7	1.173E-06
WSW	251.0	2.537E-06
W	239.1	1.406E-06
WNW	239.1	9.784E-07
NW	243.8	1.532E-06
NNW	358.6	1.345E-06

Table 2.7-147— Normal Effluent Annual Average, Undecayed, Undepleted Gamma χ/Q Values (sec/m^3) for Mixed Mode Release With Building Wake for Nearest Residents

SECTOR	DISTANCE (m)	χ/Q Values (sec/m^3)
N	1254	5.649E-07
NNE	1266	6.442E-07
NE	1678	4.379E-07
ENE	2892	7.838E-08
E	2248	5.136E-08
ESE	2281	5.452E-08
SE	1271	9.960E-08
SSE	1620	1.435E-07
S	1749	1.265E-07
SSW	1675	3.008E-07
SW	756	5.877E-07
WSW	1019	1.168E-06
W	596	9.332E-07
WNW	852	1.009E-06
NW	748	6.233E-07
NNW	1291	3.807E-07

Table 2.7-148— Normal Effluent Annual Average, Undecayed, Undepleted Gamma χ/Q Values (sec/m^3) for Mixed Mode Release With Building Wake for Nearest Gardens

SECTOR	DISTANCE (m)	χ/Q Values (sec/m^3)
N	833	8.792E-07
NNE	1395	5.700E-07
NE	2284	2.930E-07
ENE	2785	8.222E-08
E	2266	5.092E-08
ESE	1786	7.199E-08
SE	1467	8.556E-08
SSE	1619	1.436E-07
S	811	2.763E-07
SSW	408	9.183E-07
SW	454	8.987E-07
WSW	596	1.603E-06
W	819	1.533E-06
WNW	1424	5.614E-07
NW	730	6.384E-07
NNW	1338	3.643E-07

Table 2.7-149— Normal Effluent Annual Average, Undecayed, Undepleted Gamma χ/Q Values (sec/m^3) for Mixed Mode Release With Building Wake for Nearest Milk Animals

SECTOR	DISTANCE (m)	χ/Q Values (sec/m^3)
S	4855	5.129E-08
SSW	1191	4.094E-07
W	6492	1.232E-07
WNW	6469	7.010E-08
NNW	6388	5.218E-08

Table 2.7-150— Normal Effluent Annual Average, Undecayed, Undepleted Gamma χ/Q Values (sec/m^3) for Mixed Mode Release With Building Wake for Nearest Hypothetical Meat Animals

DOWNWIND SECTOR	DISTANCE (m)	χ/Q Values (sec/m^3) Nearest Hypothetical Meat Animals
N	804	7.970E-07
NNE	824	1.147E-06
NE	994	9.477E-07
ENE	2208	1.111E-07
E	2154	5.378E-08
ESE	1786	7.199E-08
SE	938	1.498E-07
SSE	819	2.316E-07
S	799	2.421E-07
SSW	918	5.301E-07
SW	628	7.121E-07
WSW	537	1.781E-06
W	534	1.036E-06
WNW	545	7.125E-07
NW	656	7.093E-07
NNW	806	6.770E-07

Table 2.7-151— Normal Effluent Annual Average D/Q Values ($1/m^2$) for Mixed Mode Release With Building Wake from 0.5 to 5 Miles

SECTOR	0.5	0.75	1	1.5	2	2.5	3	3.5	4	4.5	5
N	3.272E-09	2.526E-09	1.762E-09	1.059E-09	8.591E-10	1.037E-09	6.839E-10	5.200E-10	3.688E-10	3.004E-10	2.301E-10
NNE	5.945E-09	4.482E-09	2.789E-09	1.504E-09	8.772E-10	1.105E-09	8.415E-10	6.402E-10	4.689E-10	3.794E-10	2.873E-10
NE	1.306E-08	1.018E-08	5.777E-09	2.995E-09	1.661E-09	1.144E-09	7.649E-10	7.653E-10	6.434E-10	5.232E-10	3.831E-10
ENE	7.583E-09	5.004E-09	2.414E-09	1.313E-09	8.213E-10	6.001E-10	4.261E-10	4.706E-10	3.824E-10	2.546E-10	2.007E-10
E	3.494E-09	2.051E-09	1.122E-09	6.433E-10	3.797E-10	4.555E-10	3.296E-10	2.089E-10	1.739E-10	1.406E-10	1.058E-10
ESE	2.353E-09	1.411E-09	9.671E-10	6.270E-10	3.486E-10	3.684E-10	2.581E-10	1.720E-10	1.622E-10	1.306E-10	9.586E-11
SE	3.141E-09	1.865E-09	1.212E-09	7.912E-10	5.092E-10	3.990E-10	2.909E-10	2.228E-10	1.772E-10	1.622E-10	1.341E-10
SSE	3.979E-09	2.375E-09	1.689E-09	1.108E-09	6.062E-10	4.558E-10	3.527E-10	2.731E-10	1.850E-10	1.825E-10	1.569E-10
S	2.791E-09	1.858E-09	1.355E-09	8.052E-10	5.384E-10	4.357E-10	3.196E-10	2.466E-10	1.956E-10	2.302E-10	1.904E-10
SSW	4.021E-09	2.645E-09	1.774E-09	1.110E-09	6.917E-10	5.417E-10	3.927E-10	3.061E-10	2.468E-10	3.666E-10	2.757E-10
SW	2.355E-09	1.537E-09	1.142E-09	6.902E-10	4.737E-10	3.615E-10	2.751E-10	2.241E-10	1.799E-10	1.476E-10	1.234E-10
WSW	2.014E-09	1.219E-09	8.591E-10	5.464E-10	3.571E-10	4.508E-09	3.531E-09	2.834E-09	2.313E-09	1.916E-09	1.607E-09
W	9.453E-10	1.010E-09	7.478E-10	4.771E-10	3.359E-10	2.186E-09	1.765E-09	1.449E-09	1.203E-09	3.029E-10	2.506E-10
WNW	1.076E-09	1.266E-09	9.078E-10	7.614E-10	5.229E-10	4.822E-10	4.533E-10	3.072E-10	2.420E-10	1.973E-10	1.633E-10
NW	1.715E-09	1.341E-09	9.557E-10	8.352E-10	6.516E-10	6.106E-10	4.473E-10	3.410E-10	2.661E-10	2.166E-10	1.792E-10
NNW	1.841E-09	1.442E-09	9.720E-10	6.066E-10	4.138E-10	5.480E-10	3.974E-10	3.022E-10	2.382E-10	1.940E-10	1.605E-10

Table 2.7-152— Normal Effluent Annual Average D/Q Values ($1/m^2$) for Mixed Mode Release With Building Wake from 7.5 to 50 Miles

SECTOR	7.5	10	15	20	25	30	35	40	45	50
N	1.125E-10	7.051E-11	3.599E-11	2.178E-11	1.460E-11	1.046E-11	7.858E-12	6.110E-12	4.880E-12	3.984E-12
NNE	1.404E-10	8.140E-11	4.171E-11	2.524E-11	1.692E-11	1.213E-11	9.106E-12	7.081E-12	5.656E-12	4.617E-12
NE	1.881E-10	1.180E-10	5.995E-11	3.628E-11	2.433E-11	1.743E-11	1.309E-11	1.018E-11	8.130E-12	6.636E-12
ENE	9.840E-11	6.170E-11	3.135E-11	1.898E-11	1.272E-11	9.117E-12	6.846E-12	5.323E-12	4.252E-12	3.471E-12
E	5.162E-11	3.207E-11	1.621E-11	9.812E-12	6.579E-12	4.714E-12	3.540E-12	2.752E-12	2.199E-12	1.795E-12
ESE	4.714E-11	2.557E-11	1.293E-11	7.671E-12	5.144E-12	3.686E-12	2.768E-12	2.152E-12	1.719E-12	1.403E-12
SE	6.573E-11	4.125E-11	2.085E-11	1.262E-11	8.460E-12	6.062E-12	4.552E-12	3.539E-12	2.827E-12	2.308E-12
SSE	7.688E-11	4.551E-11	2.300E-11	1.392E-11	9.335E-12	6.689E-12	5.023E-12	3.905E-12	3.120E-12	2.546E-12
S	9.335E-11	5.858E-11	2.961E-11	1.792E-11	1.202E-11	8.610E-12	6.465E-12	5.027E-12	4.016E-12	3.278E-12
SSW	1.368E-10	8.582E-11	4.338E-11	2.625E-11	1.760E-11	1.261E-11	9.472E-12	7.365E-12	5.883E-12	4.802E-12
SW	1.705E-10	1.070E-10	5.409E-11	3.274E-11	2.195E-11	1.573E-11	1.181E-11	9.183E-12	7.336E-12	5.988E-12
WSW	2.615E-10	1.639E-10	8.296E-11	5.021E-11	3.367E-11	2.414E-11	1.813E-11	1.410E-11	1.130E-11	9.227E-12
W	1.235E-10	7.741E-11	3.909E-11	2.366E-11	1.587E-11	1.137E-11	8.565E-12	6.661E-12	5.341E-12	4.360E-12
WNW	8.016E-11	5.023E-11	2.537E-11	1.535E-11	1.038E-11	7.436E-12	5.584E-12	4.342E-12	3.472E-12	2.834E-12
NW	8.760E-11	5.487E-11	2.802E-11	1.696E-11	1.137E-11	8.148E-12	6.118E-12	4.757E-12	3.800E-12	3.102E-12
NNW	7.853E-11	4.921E-11	2.507E-11	1.517E-11	1.017E-11	7.291E-12	5.474E-12	4.257E-12	3.400E-12	2.775E-12

Table 2.7-153— Normal Effluent Annual Average D/Q Values (1/m^2) for Mixed Mode Release With Building Wake for Site Boundary Receptors

DOWNWIND SECTOR	Distance (m)	D/Q (1/m^2) Site Boundary
N	418.4	6.796E-09
NNE	425.5	1.210E-08
NE	506.8	2.268E-08
ENE	518.8	1.367E-08
E	478.1	7.162E-09
ESE	322.7	8.245E-09
SE	270.1	1.449E-08
SSE	263.0	1.838E-08
S	263.0	1.149E-08
SSW	267.7	1.589E-08
SW	267.7	9.454E-09
WSW	251.0	9.765E-09
W	239.1	3.402E-09
WNW	239.1	3.872E-09
NW	243.8	5.812E-09
NNW	358.6	4.323E-09

Table 2.7-154— Normal Effluent Annual Average D/Q Values (1/m^2) for Mixed Mode Release With Building Wake for Nearest Residents

SECTOR	DISTANCE (m)	D/Q Values (1/m2)
N	1254	2.55E-09
NNE	1266	4.02E-09
NE	1678	5.40E-09
ENE	2892	9.75E-10
E	2248	7.11E-10
ESE	2281	6.80E-10
SE	1271	1.61E-09
SSE	1620	1.93E-09
S	1749	1.22E-09
SSW	1675	1.77E-09
SW	756	2.55E-09
WSW	1019	1.52E-09
W	596	1.29E-09
WNW	852	1.91E-09
NW	748	1.85E-09
NNW	1291	1.32E-09

Table 2.7-155— Normal Effluent Annual Average D/Q Values ($1/m^2$) for Mixed Mode Release With Building Wake for Nearest Gardens

SECTOR	DISTANCE (m)	D/Q Values ($1/m^2$)
N	833	4.16E-09
NNE	1395	3.47E-09
NE	2284	3.28E-09
ENE	2785	1.04E-09
E	2266	7.03E-10
ESE	1786	9.49E-10
SE	1467	1.36E-09
SSE	1619	1.93E-09
S	811	2.94E-09
SSW	408	9.50E-09
SW	454	4.89E-09
WSW	596	3.04E-09
W	819	1.59E-09
WNW	1424	1.07E-09
NW	730	1.89E-09
NNW	1338	1.25E-09

Table 2.7-156— Normal Effluent Annual Average D/Q Values (1/m^2) for Mixed Mode Release With Building Wake for Nearest Milk Animals

SECTOR	DISTANCE (m)	D/Q Values (1/m^2)
S	4855	3.19E-10
SSW	1191	2.69E-09
W	6492	3.69E-10
WNW	6469	2.42E-10
NNW	6388	2.41E-10

Table 2.7-157— Normal Effluent Annual Average D/Q Values (1/m^2) for Mixed Mode Release With Building Wake for Nearest Hypothetical Meat Animals

DOWNWIND SECTOR	DISTANCE (m)	D/Q Values (1/m^2) Nearest Hypothetical Meat Animals
N	804	3.28E-09
NNE	824	7.60E-09
NE	994	1.38E-08
ENE	2208	1.51E-09
E	2154	7.55E-10
ESE	1786	9.49E-10
SE	938	2.56E-09
SSE	819	3.89E-09
S	799	2.82E-09
SSW	918	3.62E-09
SW	628	3.22E-09
WSW	537	3.51E-09
W	534	1.45E-09
WNW	545	1.60E-09
NW	656	2.11E-09
NNW	806	2.38E-09

Table 2.7-158— Ground Level, Normal Effluent, Sector Average, Undepleted, Undecayed, Atmospheric Dispersion Factors (sec/m^3)

SECTOR	100 m	200 m	250m	275m	300m	350m	375m	400m	500m	Site Boundary
N	2.596E-04	7.105E-05	4.734E-05	3.985E-05	3.407E-05	2.584E-05	2.284E-05	2.036E-05	1.370E-05	3.034E-05
NNE	2.997E-04	8.155E-05	5.425E-05	4.563E-05	3.899E-05	2.955E-05	2.611E-05	2.326E-05	1.563E-05	7.593E-06
NE	2.608E-04	7.035E-05	4.658E-05	3.911E-05	3.335E-05	2.518E-05	2.221E-05	1.976E-05	1.321E-05	4.381E-06
ENE	1.177E-04	3.155E-05	2.089E-05	1.753E-05	1.495E-05	1.129E-05	9.963E-06	8.864E-06	5.928E-06	1.942E-06
E	7.153E-05	1.914E-05	1.269E-05	1.066E-05	9.097E-06	6.880E-06	6.074E-06	5.407E-06	3.625E-06	1.028E-06
ESE	5.013E-05	1.337E-05	8.860E-06	7.442E-06	6.350E-06	4.801E-06	4.239E-06	3.773E-06	2.529E-06	1.661E-06
SE	5.980E-05	1.597E-05	1.058E-05	8.889E-06	7.587E-06	5.737E-06	5.065E-06	4.509E-06	3.023E-06	2.882E-06
SSE	8.314E-05	2.228E-05	1.477E-05	1.241E-05	1.059E-05	8.013E-06	7.076E-06	6.300E-06	4.224E-06	4.341E-06
S	1.174E-04	3.174E-05	2.109E-05	1.774E-05	1.515E-05	1.148E-05	1.014E-05	9.031E-06	6.066E-06	6.233E-06
SSW	3.337E-04	9.107E-05	6.065E-05	5.104E-05	4.363E-05	3.309E-05	2.925E-05	2.606E-05	1.753E-05	2.083E-05
SW	5.888E-04	1.647E-04	1.100E-04	9.267E-05	7.926E-05	6.014E-05	5.317E-05	4.738E-05	3.185E-05	5.028E-05
WSW	1.420E-03	4.026E-04	2.694E-04	2.270E-04	1.942E-04	1.474E-04	1.303E-04	1.161E-04	7.799E-05	1.602E-04
W	6.251E-04	1.750E-04	1.170E-04	9.855E-05	8.431E-05	6.399E-05	5.658E-05	5.043E-05	3.392E-05	6.953E-05
WNW	3.781E-04	1.047E-04	6.991E-05	5.888E-05	5.036E-05	3.822E-05	3.379E-05	3.012E-05	2.026E-05	4.153E-05
NW	2.632E-04	7.236E-05	4.825E-05	4.062E-05	3.473E-05	2.635E-05	2.329E-05	2.076E-05	1.397E-05	2.863E-05
NNW	2.082E-04	5.717E-05	3.811E-05	3.209E-05	2.744E-05	2.081E-05	1.840E-05	1.640E-05	1.103E-05	2.744E-05

Table 2.7-158— Continued

SECTOR	0.5 mile	1000 m	0.75 mile	1500 m	1 mile	2000 m	1.5 miles	2 miles	2.5 miles	3.0 miles	3.5 miles
N	5.920E-06	4.062E-06	2.917E-06	2.156E-06	1.920E-06	1.347E-06	9.982E-07	7.517E-07	5.346E-07	3.694E-07	2.936E-07
NNE	6.747E-06	4.632E-06	3.326E-06	2.220E-06	1.975E-06	1.384E-06	1.024E-06	5.977E-07	4.238E-07	3.373E-07	2.675E-07
NE	5.642E-06	3.854E-06	2.765E-06	1.739E-06	1.546E-06	1.080E-06	7.960E-07	4.498E-07	3.171E-07	2.168E-07	1.713E-07
ENE	2.534E-06	1.731E-06	1.244E-06	6.264E-07	5.569E-07	3.885E-07	2.859E-07	1.786E-07	1.255E-07	9.176E-08	7.227E-08
E	1.556E-06	1.065E-06	7.665E-07	4.144E-07	3.685E-07	2.572E-07	1.894E-07	1.066E-07	7.494E-08	5.480E-08	4.315E-08
ESE	1.085E-06	7.423E-07	5.349E-07	3.550E-07	3.157E-07	2.203E-07	1.621E-07	8.722E-08	6.122E-08	4.363E-08	3.431E-08
SE	1.297E-06	8.867E-07	6.391E-07	4.063E-07	3.613E-07	2.522E-07	1.857E-07	1.171E-07	8.222E-08	6.180E-08	4.861E-08
SSE	1.814E-06	1.241E-06	8.933E-07	6.188E-07	5.503E-07	3.842E-07	2.830E-07	1.516E-07	1.066E-07	8.526E-08	6.716E-08
S	2.614E-06	1.792E-06	1.288E-06	8.922E-07	7.937E-07	5.552E-07	4.099E-07	2.600E-07	1.837E-07	1.388E-07	1.097E-07
SSW	7.573E-06	5.193E-06	3.731E-06	2.352E-06	2.094E-06	1.468E-06	1.087E-06	6.416E-07	4.555E-07	3.365E-07	2.671E-07
SW	1.370E-05	9.308E-06	6.677E-06	4.637E-06	4.132E-06	2.914E-06	2.171E-06	1.402E-06	1.007E-06	7.717E-07	6.180E-07
WSW	3.345E-05	2.258E-05	1.619E-05	1.125E-05	1.004E-05	7.099E-06	5.309E-06	3.452E-06	2.493E-06	1.921E-06	1.545E-06
W	1.461E-05	9.933E-06	7.124E-06	5.241E-06	4.671E-06	3.294E-06	2.456E-06	1.483E-06	1.065E-06	8.167E-07	6.543E-07
WNW	8.742E-06	5.969E-06	4.284E-06	3.097E-06	2.759E-06	1.941E-06	1.443E-06	7.481E-07	5.349E-07	4.085E-07	3.261E-07
NW	6.032E-06	4.129E-06	2.965E-06	2.056E-06	1.831E-06	1.286E-06	9.544E-07	6.113E-07	4.357E-07	3.351E-07	2.668E-07
NNW	4.767E-06	3.266E-06	2.345E-06	1.626E-06	1.448E-06	1.017E-06	7.543E-07	4.828E-07	3.439E-07	2.617E-07	2.083E-07

Table 2.7-159— Ground Level, Normal Effluent, Sector Average, Depleted, Decayed, Atmospheric Dispersion Factors (sec/m^3)

SECTOR	100 m	200 m	250m	275m	300m	350m	375m	400m	500m	Site Boundary
N	2.545E-04	6.884E-05	4.558E-05	3.825E-05	3.261E-05	2.459E-05	2.168E-05	1.927E-05	1.284E-05	2.897E-05
NNE	2.938E-04	7.902E-05	5.224E-05	4.381E-05	3.732E-05	2.812E-05	2.478E-05	2.202E-05	1.465E-05	6.962E-06
NE	2.557E-04	6.816E-05	4.486E-05	3.754E-05	3.192E-05	2.397E-05	2.108E-05	1.871E-05	1.238E-05	3.965E-06
ENE	1.154E-04	3.057E-05	2.011E-05	1.683E-05	1.431E-05	1.075E-05	9.457E-06	8.391E-06	5.556E-06	1.757E-06
E	7.012E-05	1.855E-05	1.222E-05	1.023E-05	8.708E-06	6.548E-06	5.765E-06	5.119E-06	3.397E-06	9.248E-07
ESE	4.914E-05	1.296E-05	8.531E-06	7.144E-06	6.078E-06	4.570E-06	4.023E-06	3.572E-06	2.370E-06	1.538E-06
SE	5.862E-05	1.547E-05	1.019E-05	8.534E-06	7.262E-06	5.461E-06	4.808E-06	4.269E-06	2.833E-06	2.698E-06
SSE	8.149E-05	2.158E-05	1.422E-05	1.191E-05	1.014E-05	7.627E-06	6.716E-06	5.964E-06	3.958E-06	4.071E-06
S	1.151E-04	3.075E-05	2.031E-05	1.703E-05	1.450E-05	1.092E-05	9.623E-06	8.549E-06	5.685E-06	5.846E-06
SSW	3.271E-04	8.823E-05	5.840E-05	4.900E-05	4.176E-05	3.149E-05	2.776E-05	2.467E-05	1.643E-05	1.961E-05
SW	5.772E-04	1.595E-04	1.059E-04	8.896E-05	7.587E-05	5.724E-05	5.046E-05	4.485E-05	2.985E-05	4.767E-05
WSW	1.392E-03	3.900E-04	2.594E-04	2.180E-04	1.859E-04	1.403E-04	1.237E-04	1.099E-04	7.309E-05	1.527E-04
W	6.128E-04	1.695E-04	1.126E-04	9.461E-05	8.070E-05	6.091E-05	5.370E-05	4.774E-05	3.179E-05	6.630E-05
WNW	3.707E-04	1.015E-04	6.732E-05	5.653E-05	4.821E-05	3.637E-05	3.207E-05	2.851E-05	1.899E-05	3.960E-05
NW	2.580E-04	7.011E-05	4.646E-05	3.900E-05	3.325E-05	2.508E-05	2.211E-05	1.965E-05	1.309E-05	2.730E-05
NNW	2.041E-04	5.539E-05	3.670E-05	3.080E-05	2.626E-05	1.981E-05	1.746E-05	1.552E-05	1.034E-05	2.626E-05

Table 2.7-159— Continued

SECTOR	0.5 mile	1000 m	0.75 mile	1500 m	1 mile	2000 m	1.5 miles	2 miles	2.5 miles	3.0 miles	3.5 miles
N	5.406E-06	3.658E-06	2.599E-06	1.896E-06	1.680E-06	1.161E-06	8.477E-07	6.225E-07	4.330E-07	2.934E-07	2.291E-07
NNE	6.161E-06	4.172E-06	2.964E-06	1.952E-06	1.729E-06	1.193E-06	8.695E-07	4.949E-07	3.433E-07	2.679E-07	2.087E-07
NE	5.152E-06	3.471E-06	2.464E-06	1.530E-06	1.354E-06	9.308E-07	6.760E-07	3.724E-07	2.569E-07	1.722E-07	1.336E-07
ENE	2.314E-06	1.559E-06	1.109E-06	5.509E-07	4.875E-07	3.349E-07	2.428E-07	1.479E-07	1.017E-07	7.289E-08	5.639E-08
E	1.421E-06	9.588E-07	6.831E-07	3.644E-07	3.225E-07	2.217E-07	1.608E-07	8.829E-08	6.071E-08	4.353E-08	3.367E-08
ESE	9.911E-07	6.684E-07	4.766E-07	3.122E-07	2.763E-07	1.899E-07	1.377E-07	7.222E-08	4.959E-08	3.466E-08	2.677E-08
SE	1.185E-06	7.985E-07	5.695E-07	3.573E-07	3.163E-07	2.174E-07	1.577E-07	9.694E-08	6.660E-08	4.909E-08	3.793E-08
SSE	1.656E-06	1.117E-06	7.961E-07	5.441E-07	4.817E-07	3.312E-07	2.404E-07	1.255E-07	8.637E-08	6.772E-08	5.240E-08
S	2.387E-06	1.614E-06	1.148E-06	7.847E-07	6.948E-07	4.785E-07	3.481E-07	2.153E-07	1.488E-07	1.103E-07	8.564E-08
SSW	6.915E-06	4.676E-06	3.324E-06	2.069E-06	1.833E-06	1.265E-06	9.230E-07	5.313E-07	3.690E-07	2.673E-07	2.084E-07
SW	1.251E-05	8.382E-06	5.950E-06	4.077E-06	3.617E-06	2.511E-06	1.844E-06	1.161E-06	8.155E-07	6.130E-07	4.823E-07
WSW	3.055E-05	2.034E-05	1.442E-05	9.896E-06	8.785E-06	6.119E-06	4.509E-06	2.858E-06	2.019E-06	1.526E-06	1.206E-06
W	1.334E-05	8.945E-06	6.349E-06	4.609E-06	4.089E-06	2.839E-06	2.086E-06	1.228E-06	8.627E-07	6.488E-07	5.105E-07
WNW	7.983E-06	5.375E-06	3.817E-06	2.724E-06	2.415E-06	1.673E-06	1.226E-06	6.194E-07	4.333E-07	3.245E-07	2.544E-07
NW	5.509E-06	3.718E-06	2.642E-06	1.808E-06	1.603E-06	1.109E-06	8.106E-07	5.062E-07	3.529E-07	2.662E-07	2.082E-07
NNW	4.353E-06	2.941E-06	2.090E-06	1.430E-06	1.268E-06	8.765E-07	6.406E-07	3.998E-07	2.786E-07	2.079E-07	1.625E-07

Table 2.7-160— Ground Level, Normal Effluent, Sector Average, Undepleted, Undecayed, Atmospheric Deposition Factors (sec/m^3)

SECTOR	100 m	200 m	250m	275m	300m	350m	375m	400m	500m	Site Boundary
N	2.063E-05	9.952E-06	7.704E-06	6.883E-06	6.208E-06	5.167E-06	4.757E-06	4.403E-06	3.361E-06	5.749E-06
NNE	2.485E-05	1.215E-05	9.416E-06	8.410E-06	7.583E-06	6.306E-06	5.804E-06	5.369E-06	4.091E-06	2.459E-06
NE	2.242E-05	1.142E-05	8.886E-06	7.938E-06	7.158E-06	5.950E-06	5.473E-06	5.061E-06	3.842E-06	1.732E-06
ENE	1.014E-05	5.270E-06	4.106E-06	3.667E-06	3.306E-06	2.747E-06	2.527E-06	2.337E-06	1.775E-06	7.949E-07
E	6.081E-06	3.167E-06	2.466E-06	2.201E-06	1.984E-06	1.648E-06	1.516E-06	1.402E-06	1.067E-06	4.315E-07
ESE	4.270E-06	2.250E-06	1.752E-06	1.564E-06	1.408E-06	1.169E-06	1.075E-06	9.942E-07	7.557E-07	5.625E-07
SE	5.019E-06	2.649E-06	2.064E-06	1.842E-06	1.659E-06	1.378E-06	1.267E-06	1.171E-06	8.908E-07	8.618E-07
SSE	6.978E-06	3.636E-06	2.832E-06	2.527E-06	2.278E-06	1.892E-06	1.741E-06	1.610E-06	1.225E-06	1.249E-06
S	9.746E-06	4.903E-06	3.809E-06	3.402E-06	3.067E-06	2.551E-06	2.348E-06	2.173E-06	1.656E-06	1.688E-06
SSW	2.663E-05	1.302E-05	1.009E-05	9.017E-06	8.133E-06	6.768E-06	6.232E-06	5.767E-06	4.403E-06	4.955E-06
SW	3.873E-05	1.827E-05	1.414E-05	1.265E-05	1.142E-05	9.525E-06	8.779E-06	8.132E-06	6.233E-06	8.460E-06
WSW	8.106E-05	3.734E-05	2.890E-05	2.588E-05	2.339E-05	1.954E-05	1.803E-05	1.671E-05	1.285E-05	2.063E-05
W	4.107E-05	1.917E-05	1.482E-05	1.326E-05	1.198E-05	9.991E-06	9.210E-06	8.534E-06	6.545E-06	1.055E-05
WNW	2.718E-05	1.292E-05	9.996E-06	8.937E-06	8.065E-06	6.720E-06	6.192E-06	5.734E-06	4.388E-06	7.101E-06
NW	2.002E-05	9.641E-06	7.463E-06	6.669E-06	6.015E-06	5.008E-06	4.611E-06	4.268E-06	3.261E-06	5.293E-06
NNW	1.607E-05	7.739E-06	5.990E-06	5.351E-06	4.827E-06	4.018E-06	3.699E-06	3.424E-06	2.615E-06	4.827E-06

Table 2.7-160— Continued

SECTOR	0.5 mile	1000 m	0.75 mile	1500 m	1 mile	2000 m	1.5 miles	2 miles	2.5 miles	3.0 miles	3.5 miles
N	1.867E-06	1.423E-06	1.119E-06	9.073E-07	8.303E-07	6.305E-07	4.968E-07	4.065E-07	3.060E-07	2.206E-07	1.812E-07
NNE	2.259E-06	1.717E-06	1.347E-06	9.837E-07	8.993E-07	6.810E-07	5.351E-07	3.391E-07	2.543E-07	2.110E-07	1.728E-07
NE	2.087E-06	1.573E-06	1.226E-06	8.393E-07	7.656E-07	5.754E-07	4.491E-07	2.742E-07	2.039E-07	1.449E-07	1.180E-07
ENE	9.666E-07	7.289E-07	5.687E-07	3.116E-07	2.842E-07	2.134E-07	1.663E-07	1.123E-07	8.326E-08	6.330E-08	5.141E-08
E	5.850E-07	4.427E-07	3.464E-07	2.041E-07	1.862E-07	1.401E-07	1.093E-07	6.668E-08	4.949E-08	3.767E-08	3.060E-08
ESE	4.145E-07	3.136E-07	2.455E-07	1.775E-07	1.620E-07	1.218E-07	9.504E-08	5.540E-08	4.107E-08	3.048E-08	2.473E-08
SE	4.893E-07	3.704E-07	2.901E-07	2.009E-07	1.834E-07	1.380E-07	1.077E-07	7.354E-08	5.454E-08	4.267E-08	3.463E-08
SSE	6.731E-07	5.097E-07	3.992E-07	3.014E-07	2.751E-07	2.070E-07	1.617E-07	9.377E-08	6.963E-08	5.795E-08	4.709E-08
S	9.137E-07	6.938E-07	5.440E-07	4.116E-07	3.760E-07	2.838E-07	2.223E-07	1.528E-07	1.141E-07	8.976E-08	7.325E-08
SSW	2.444E-06	1.862E-06	1.464E-06	1.011E-06	9.248E-07	7.010E-07	5.515E-07	3.534E-07	2.654E-07	2.043E-07	1.675E-07
SW	3.501E-06	2.680E-06	2.118E-06	1.620E-06	1.486E-06	1.137E-06	9.019E-07	6.336E-07	4.817E-07	3.853E-07	3.189E-07
WSW	7.284E-06	5.595E-06	4.442E-06	3.417E-06	3.140E-06	2.418E-06	1.930E-06	1.371E-06	1.051E-06	8.472E-07	7.058E-07
W	3.684E-06	2.823E-06	2.233E-06	1.812E-06	1.662E-06	1.273E-06	1.011E-06	6.654E-07	5.068E-07	4.059E-07	3.364E-07
WNW	2.455E-06	1.877E-06	1.480E-06	1.177E-06	1.078E-06	8.224E-07	6.507E-07	3.668E-07	2.777E-07	2.213E-07	1.825E-07
NW	1.817E-06	1.387E-06	1.092E-06	8.315E-07	7.613E-07	5.790E-07	4.569E-07	3.180E-07	2.398E-07	1.924E-07	1.582E-07
NNW	1.456E-06	1.111E-06	8.746E-07	6.656E-07	6.093E-07	4.633E-07	3.655E-07	2.542E-07	1.917E-07	1.521E-07	1.251E-07

Table 2.7-161— Ground Level, Normal Effluent, Sector Average, Depleted, Decayed, Atmospheric Deposition Factors (1/m^2)

SECTOR	100 m	200 m	250m	275m	300m	350m	375m	400m	500m	Site Boundary
N	2.629E-07	1.040E-07	7.589E-08	6.619E-08	5.834E-08	4.652E-08	4.198E-08	3.811E-08	2.714E-08	5.309E-08
NNE	3.926E-07	1.557E-07	1.137E-07	9.923E-08	8.751E-08	6.981E-08	6.301E-08	5.721E-08	4.076E-08	2.146E-08
NE	5.805E-07	2.313E-07	1.693E-07	1.478E-07	1.304E-07	1.041E-07	9.401E-08	8.538E-08	6.089E-08	2.289E-08
ENE	3.168E-07	1.257E-07	9.186E-08	8.015E-08	7.068E-08	5.639E-08	5.090E-08	4.621E-08	3.292E-08	1.219E-08
E	1.764E-07	6.969E-08	5.086E-08	4.435E-08	3.909E-08	3.116E-08	2.812E-08	2.552E-08	1.817E-08	5.844E-09
ESE	1.278E-07	5.044E-08	3.680E-08	3.209E-08	2.828E-08	2.254E-08	2.033E-08	1.846E-08	1.313E-08	9.090E-09
SE	1.609E-07	6.347E-08	4.629E-08	4.036E-08	3.556E-08	2.834E-08	2.556E-08	2.320E-08	1.651E-08	1.584E-08
SSE	2.142E-07	8.457E-08	6.170E-08	5.380E-08	4.741E-08	3.779E-08	3.409E-08	3.094E-08	2.202E-08	2.255E-08
S	2.076E-07	8.204E-08	5.988E-08	5.222E-08	4.602E-08	3.669E-08	3.310E-08	3.005E-08	2.139E-08	2.190E-08
SSW	4.051E-07	1.600E-07	1.168E-07	1.018E-07	8.976E-08	7.155E-08	6.456E-08	5.860E-08	4.171E-08	4.841E-08
SW	3.816E-07	1.506E-07	1.098E-07	9.577E-08	8.440E-08	6.726E-08	6.069E-08	5.508E-08	3.920E-08	5.791E-08
WSW	5.925E-07	2.335E-07	1.702E-07	1.484E-07	1.307E-07	1.042E-07	9.396E-08	8.527E-08	6.067E-08	1.116E-07
W	2.811E-07	1.109E-07	8.086E-08	7.049E-08	6.212E-08	4.950E-08	4.466E-08	4.053E-08	2.884E-08	5.303E-08
WNW	2.146E-07	8.469E-08	6.178E-08	5.386E-08	4.747E-08	3.783E-08	3.413E-08	3.098E-08	2.205E-08	4.053E-08
NW	1.961E-07	7.749E-08	5.655E-08	4.931E-08	4.346E-08	3.465E-08	3.126E-08	2.838E-08	2.020E-08	3.712E-08
NNW	1.753E-07	6.928E-08	5.056E-08	4.409E-08	3.886E-08	3.098E-08	2.795E-08	2.537E-08	1.806E-08	3.886E-08

Table 2.7-161— Continued

SECTOR	0.5 mile	1000 m	0.75 mile	1500 m	1 mile	2000 m	1.5 miles	2 miles	2.5 miles	3.0 miles	3.5 miles
N	1.281E-08	8.994E-09	6.587E-09	4.876E-09	4.329E-09	2.987E-09	2.162E-09	1.549E-09	1.048E-09	6.915E-10	5.262E-10
NNE	1.926E-08	1.353E-08	9.915E-09	6.633E-09	5.890E-09	4.067E-09	2.945E-09	1.642E-09	1.112E-09	8.475E-10	6.452E-10
NE	2.883E-08	2.027E-08	1.487E-08	9.399E-09	8.349E-09	5.770E-09	4.182E-09	2.275E-09	1.542E-09	1.015E-09	7.736E-10
ENE	1.556E-08	1.093E-08	8.005E-09	4.045E-09	3.592E-09	2.480E-09	1.796E-09	1.082E-09	7.326E-10	5.168E-10	3.934E-10
E	8.565E-09	6.010E-09	4.400E-09	2.382E-09	2.114E-09	1.458E-09	1.055E-09	5.719E-10	3.869E-10	2.728E-10	2.075E-10
ESE	6.190E-09	4.343E-09	3.179E-09	2.112E-09	1.874E-09	1.292E-09	9.349E-10	4.847E-10	3.278E-10	2.255E-10	1.715E-10
SE	7.778E-09	5.456E-09	3.993E-09	2.540E-09	2.254E-09	1.554E-09	1.124E-09	6.821E-10	4.612E-10	3.344E-10	2.543E-10
SSE	1.038E-08	7.280E-09	5.328E-09	3.694E-09	3.279E-09	2.261E-09	1.635E-09	8.423E-10	5.696E-10	4.388E-10	3.337E-10
S	1.009E-08	7.078E-09	5.182E-09	3.594E-09	3.190E-09	2.201E-09	1.592E-09	9.670E-10	6.542E-10	4.744E-10	3.609E-10
SSW	1.967E-08	1.380E-08	1.010E-08	6.375E-09	5.658E-09	3.903E-09	2.824E-09	1.587E-09	1.074E-09	7.578E-10	5.764E-10
SW	1.848E-08	1.296E-08	9.487E-09	6.579E-09	5.839E-09	4.027E-09	2.913E-09	1.768E-09	1.196E-09	8.672E-10	6.596E-10
WSW	2.858E-08	2.004E-08	1.467E-08	1.017E-08	9.024E-09	6.221E-09	4.499E-09	2.730E-09	1.846E-09	1.338E-09	1.017E-09
W	1.359E-08	9.536E-09	6.980E-09	5.127E-09	4.551E-09	3.138E-09	2.270E-09	1.288E-09	8.708E-10	6.314E-10	4.802E-10
WNW	1.039E-08	7.293E-09	5.338E-09	3.858E-09	3.424E-09	2.361E-09	1.708E-09	8.365E-10	5.658E-10	4.103E-10	3.121E-10
NW	9.531E-09	6.689E-09	4.898E-09	3.398E-09	3.016E-09	2.081E-09	1.506E-09	9.146E-10	6.188E-10	4.534E-10	3.449E-10
NNW	8.523E-09	5.982E-09	4.380E-09	3.039E-09	2.698E-09	1.861E-09	1.347E-09	8.182E-10	5.536E-10	4.016E-10	3.056E-10

Table 2.7-162— The Design Input for a 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 (Conservative, low)
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

Table 2.7-163— 0-2 Hour 50th Percentile Accident Atmospheric Dispersion Factors for the EAB (0.43 miles)

time period	0-2 hrs
50% χ/Q (sec/m^3)	1.311E-04

Table 2.7-164— The 50th Percentile Accident Atmospheric Dispersion Factors for the LPZ (1.5 miles)

duration (hrs)	2	6	16	72	624	8760
50% χ/Q (sec/m^3)	2.347E-05	1.932E-05	1.624E-05	1.244E-05	8.485E-06	5.314E-06
time period	0-2 hrs	2-8 hrs	8-24 hrs	1-4 days	4-30 days	annual average

Table 2.7-165— Monthly and Annual Average Mixing Height Values (m)

Month	Year											monthly	annual
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	average	average
JAN	977	791	958	929	911	930	969	1120	831	781	1098	935	1055
FEB	995	685	1093	993	1362	1089	1037	905	865	1390	1172	1003	
MAR	1148	1333	1189	1111	1105	1421	1081	1184	1082	1187	942	1184	
APR	1371	1229	1028	1288	1185	1420	997	1290	1189	1094	1296	1222	
MAY	1375	929	944	1131	1318	1385	993	1223	1295	1185	1235	1177	
JUN	899	1060	1103	1086	1253	1088	965	1120	1134	968	1145	1079	
JUL	1143	1205	1151	925	1127	1012	1260	982	1147	1101	1253	1106	
AUG	1053	860	1108	860	1162	1073	964	1144	1255	1041	952	1053	
SEP	978	927	869	909	1003	896	913	770	1150	898	1015	935	
OCT	1011	958	1040	907	1292	900	1039	752	799	1147	910	966	
NOV	989	1065	1083	1002	899	1203	975	962	1131	1006	*	1034	
DEC	845	1044	1007	1097	1025	908	887	954	875	1045	*	960	
* No													

Table 2.7-166— Monthly and Annual Average Mixing Height Values (ft)

Month	Year											monthly	annual
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	average	average
JAN	3205	2595	3143	3048	2988	3049	3177	3675	2725	2563	3601	3067	3459
FEB	3263	2247	3584	3259	4467	3572	3402	2969	2839	4558	3844	3289	
MAR	3765	4374	3901	3643	3623	4660	3547	3884	3549	3893	3089	3883	
APR	4496	4032	3373	4225	3888	4656	3269	4230	3901	3587	4250	4008	
MAY	4511	3046	3096	3710	4322	4543	3257	4010	4248	3886	4052	3860	
JUN	2947	3477	3617	3564	4109	3570	3166	3674	3719	3174	3755	3538	
JUL	3749	3952	3774	3034	3696	3318	4134	3222	3762	3612	4109	3627	
AUG	3453	2821	3633	2821	3812	3518	3163	3751	4115	3414	3123	3454	
SEP	3207	3041	2850	2981	3291	2939	2993	2525	3772	2945	3328	3067	
OCT	3315	3143	3410	2974	4237	2951	3407	2466	2619	3762	2985	3169	
NOV	3245	3494	3552	3288	2949	3945	3197	3156	3709	3299	-	3393	
DEC	2773	3425	3302	3599	3362	2979	2910	3129	2870	3428	-	3150	

Table 2.7-167— Summary of Ambient Environmental (dBA) for Commonly Used Metrics to Assess Noise Impacts

(Locations 1 though 5)

LOCATION	DATE AND DAY OF WEEK													AVERAGE DAILY MINIMUM HOURLY LEVEL
	3/1 SAT	3/2 SUN	3/3 MON	3/4 TUE	3/5 WED	3/6 THU	3/7 FRI	3/8 SAT	3/9 SUN	3/10 MON	3/11 TUE	3/12 WED	3/13 THU	
	LA50 METRIC MINIMUM HOUR MEASUREMENT													
1	28	27	34	32	33	32	36	36	28	28	32	28	31	31
2*	30	27	35	34	37	34	36	35	29	29	34	30	32	33
3	32	28	34	36	38	37	34	32	32	32	34	30	31	33
4	31	27	37	34	39	33	38	37	27	26	36	33	35	33
5	39	34	36	52	43	36	48	46	32	28	40	39	34	39
	LA90 METRIC MINIMUM HOUR MEASUREMENT													
1	25	25	32	31	32	30	34	33	27	27	29	26	28	29
2*	29	26	33	33	35	32	34	32	27	28	31	28	30	31
3	30	27	33	36	38	34	33	31	30	31	32	29	30	32
4	29	26	33	32	36	31	36	33	25	25	33	30	32	31
5	33	31	34	39	35	33	39	42	27	26	26	33	29	34
	LAeq METRIC MINIMUM HOUR MEASUREMENT													
1	31	28	35	32	34	33	38	37	28	28	34	30	32	32
2*	35	28	37	35	40	38	38	36	32	29	36	35	34	35
3	40	29	37	37	40	37	37	33	38	32	35	38	32	36
4	33	28	39	36	46	44	38	38	30	28	38	37	37	36
5	51	47	51	55	56	55	54	53	53	51	53	53	52	53

AVERAGE WIND SPEED, MPH	8	6	5	7	8	3	6	8	10	5	3	8	5
AVERAGE WIND DIRECTION	NW	NNW	S	ESE	WNW	WNW	SE	WSW	NW	NW	NNW	NW	SSE
PRECIPITATION, INCHES	0	0	0	1.2	0.9	0	0.6	0.4	0	0	0	0	0

* EST FROM MACRO DATA RESULTS AT LOCATIONS 1, 3 & 4
WEATHER DATA FROM TOP OF SHICKSHINNY MOUNTAIN, APPROX. 7 MILES NORTH OF SITE

Table 2.7-168— 24-Hour Day/Night Sound Levels for a 13 Day Sampling Period during Leaf-off Seasonal Conditions at the BBNPP Site

(Locations 1 through 5)

BBNPP LEAF OFF	24-HOUR DAILY DAY/NIGHT SOUND LEVEL (DNL OR Ldn) , dBA				
	LOCATION				
DATE	1 (ONSITE)	2	3	4	5
3/1/2008	66	55	60	57	62
3/2/2008	42	46	52	49	60
3/3/2008	48	52	58	61	64
3/4/2008	53	55	57	62	66
3/5/2008	61	60	60	63	68
3/6/2008	50	53	57	61	67
3/7/2008	54	55	58	59	66
3/8/2008	61	61	62	59	66
3/9/2008	61	62	63	58	65
3/10/2008	45	51	59	57	66
3/11/2008	55	55	58	58	65
3/12/2008	52	53	56	58	65
3/13/2008	52	55	60	58	66
ARITH. AVERAGE	N/A	55	58	58	65
LOG AVERAGE	N/A	57	59	59	65
STD DEV	N/A	4.3	2.8	3.4	2.1

Table 2.7-169— Summary of Ambient Environmental Sound Levels (dBA) for Commonly Used Metrics to Assess Noise Impacts

(Locations 2', 6', and 7')

2010 LEAF-ON SURVEY															
Location	DATE AND DAY OF WEEK														AVERAGE DAILY MINIMUM HOURLY LEVEL
	15-Jun TUE	16-Jun WED	17-Jun THU	18-Jun FRI	19-Jun SAT	20-Jun SUN	21-Jun MON	22-Jun TUE	23-Jun WED	24-Jun THU	25-Jun FRI	26-Jun SAT	27-Jun SUN	28-Jun MON	
	LA50 METRIC MINIMUM HOUR MEASUREMENT														
2'	27.5	29.1	26.3	27.1	28.8	26.7	29.8	31.8	26.7	29.4	25.1	31.7			28
6'	24.9	28.2	25.2	27.3	29.3	23.3	25.0	26.9	22.7	24.5	21.9	27.2	26.9	24.8	26
7'	24.0	31.8	25.4	25.1	28.3	24.4	23.8	25.0	23.0	26.8	21.1	27.3	22.3	28.9	26
	LA90 METRIC MINIMUM HOUR MEASUREMENT														
2'	25.5	29.1	26.3	25.2	27.1	23.6	26.6	30.1	23.5	26.7	21.4	29.1			26
6'	23.6	26.9	23.5	25.2	26.3	22.2	23.9	24.2	21.5	22.3	20.5	24.7	25.6	23.3	24
7'	22.0	26.5	24.1	22.6	25.9	22.3	20.8	22.8	21.3	25.2	19.4	24.5	21.2	24.9	23
	LAeq METRIC MINIMUM HOUR MEASUREMENT														
2'	29.2	29.8	28.0	28.3	31.3	30.6	30.4	33.6	27.5	31.1	27.1	33.6			30
6'	25.8	28.7	33.2	27.5	32.0	24.4	25.2	28.4	23.5	25.4	22.7	29.0	36.4	28.1	28
7'	25.9	32.9	28.4	26.4	28.8	30.0	24.9	25.8	23.9	30.0	22.3	28.6	27.2	30	28
	Ldn OR DNL 24 HOUR MEASURE														
2'	49.2	48.3	48.0	48.1	48.8	46.7	48.4	48.3	46.8	48.3	47.8	47.8			48
6'	49.0	49.4	47.6	48.8	49.2	47.7	46.6	47.3	47.4	49.0	49.0	54.2	54.2	50.1	49
7'	59.8	53.7	55.9	50.7	58.6	60.0	54.8	55.8	47.8	46.0	42.0	44.4	46.6	52.0	52
AVG. WIND, MPH	1.8	1.4	3.5	0.8	1.4	2.1	1.5	0.5	1.6	3	1.7	1.1	1.1	1.9	
PRECIPITATION, IN	0	0.5	0	0	0	0	0	0.03	0.02	0.02	0	0	0.16	0.38	

Figure 2.7-1— Annual Average Number of Tornadoes, 1950-1995

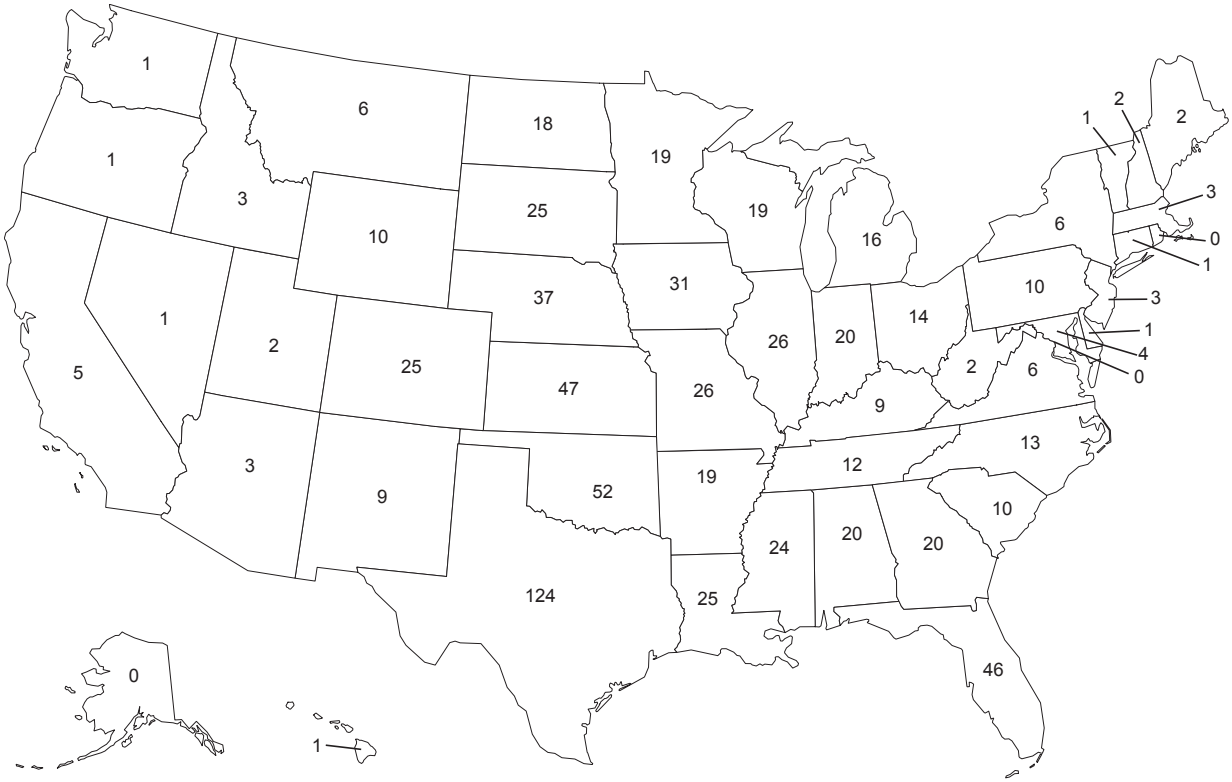


Figure 2.7-2— Annual Average Number of Strong-Violent (F2-F5) Tornadoes, 1950-1995

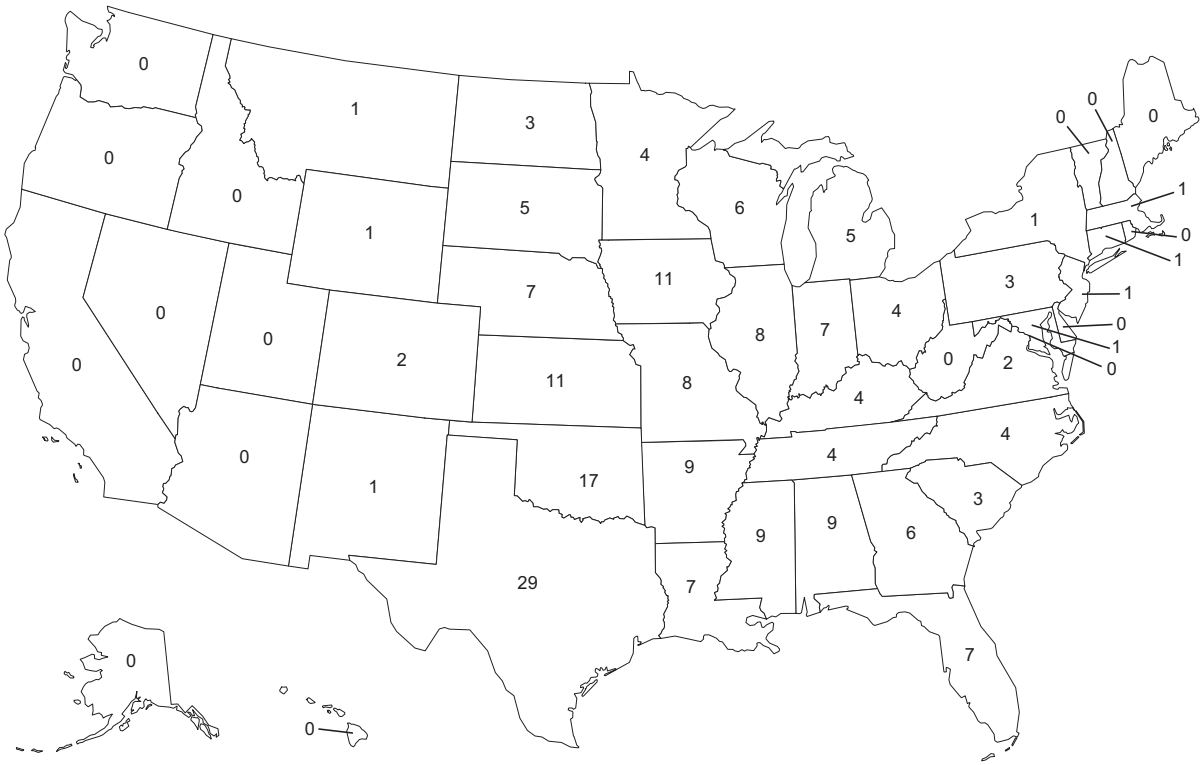


Figure 2.7-3— Annual Thunderstorm Frequency

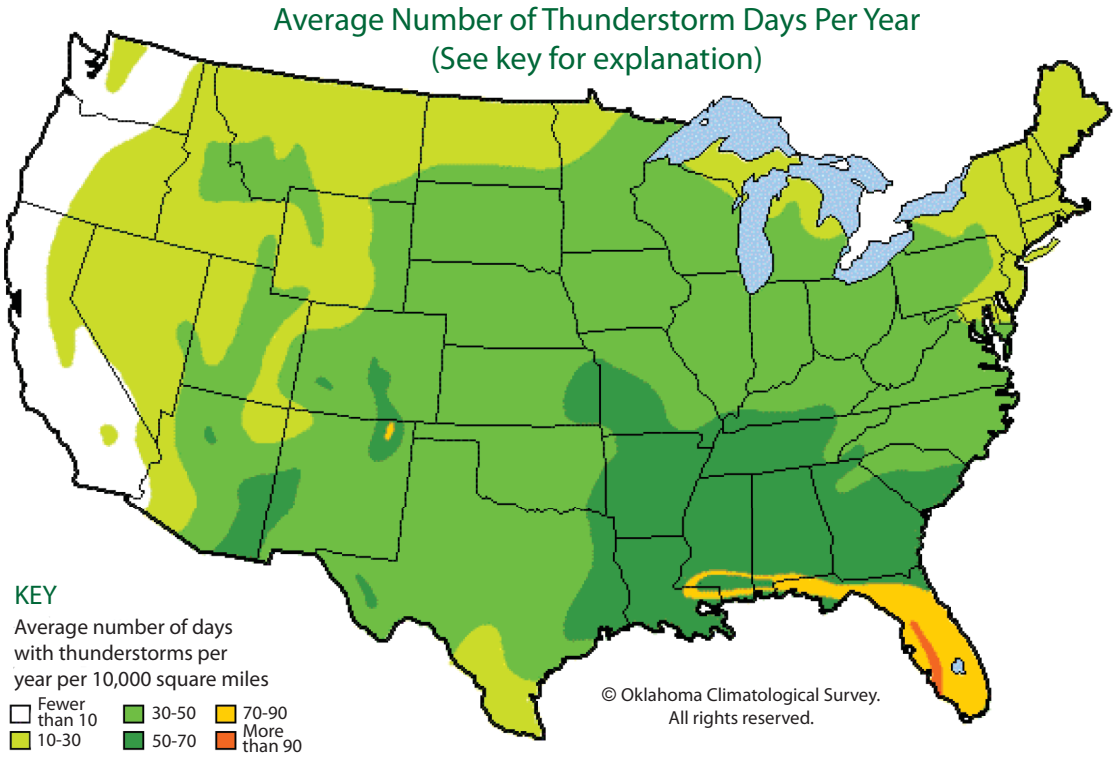


Figure 2.7-4— Five-Year Lightning Flash Density Map

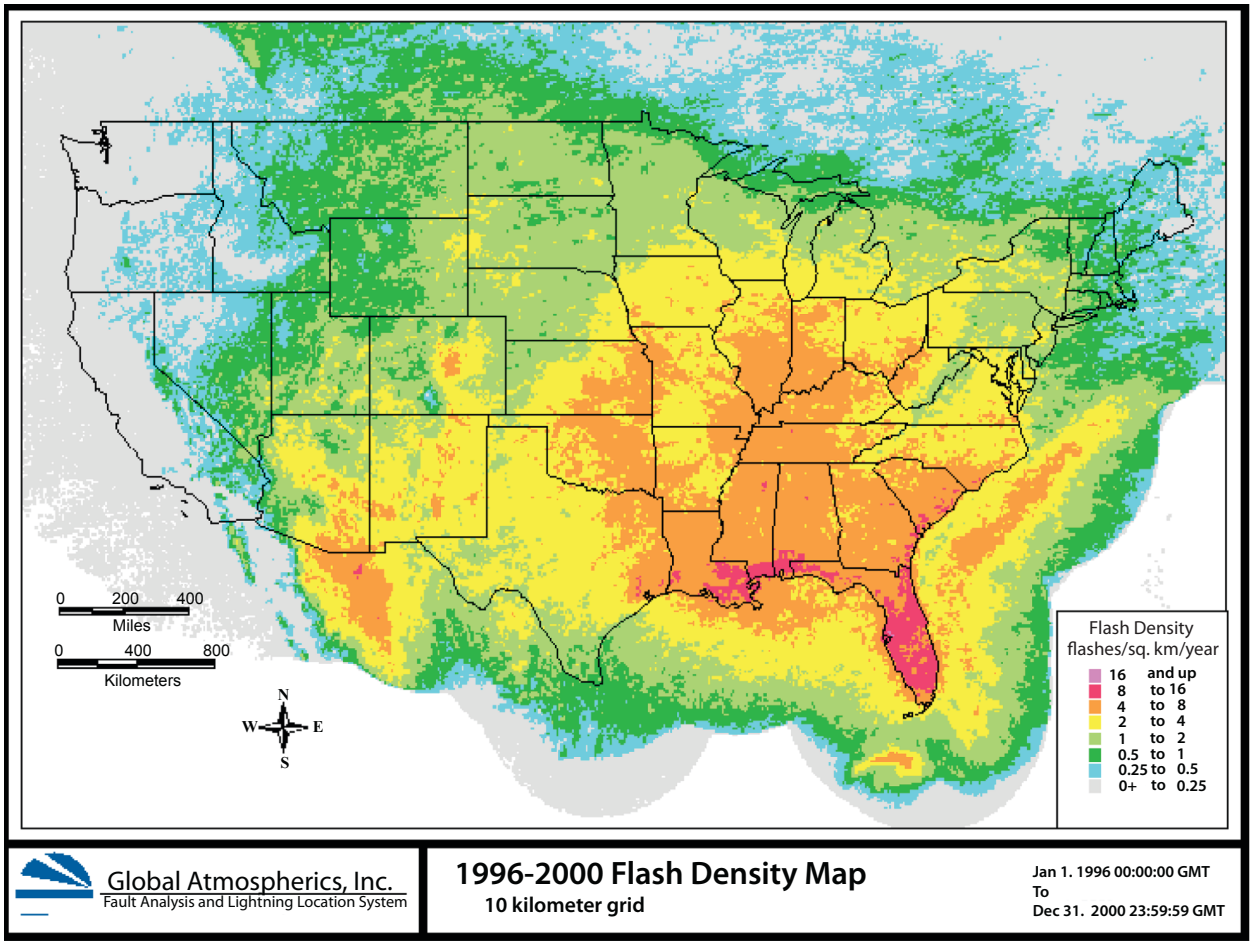


Figure 2.7-5— SSES 10 m January Precipitation Wind Rose

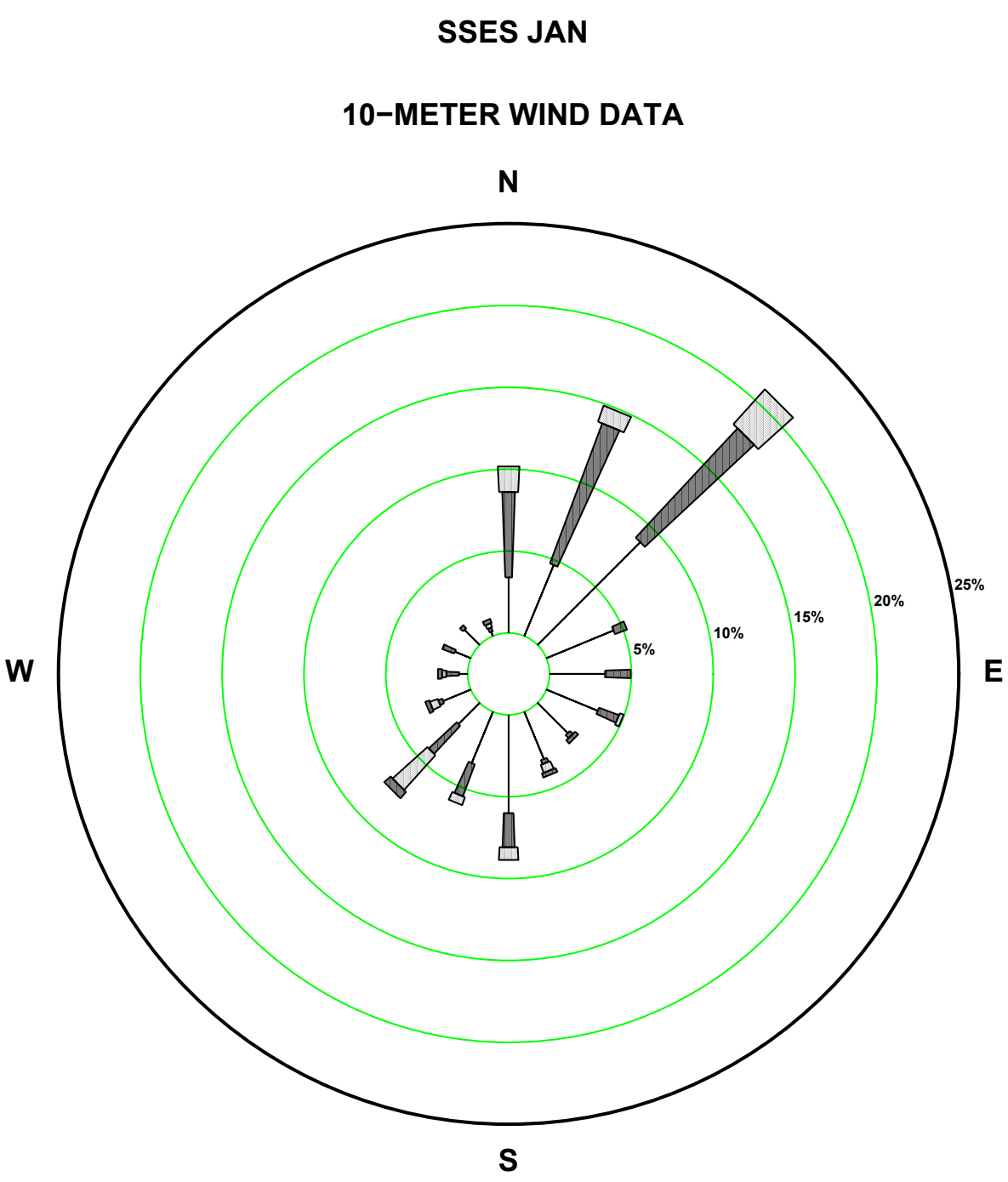


Figure 2.7-6— SSES 10 m February Precipitation Wind Rose

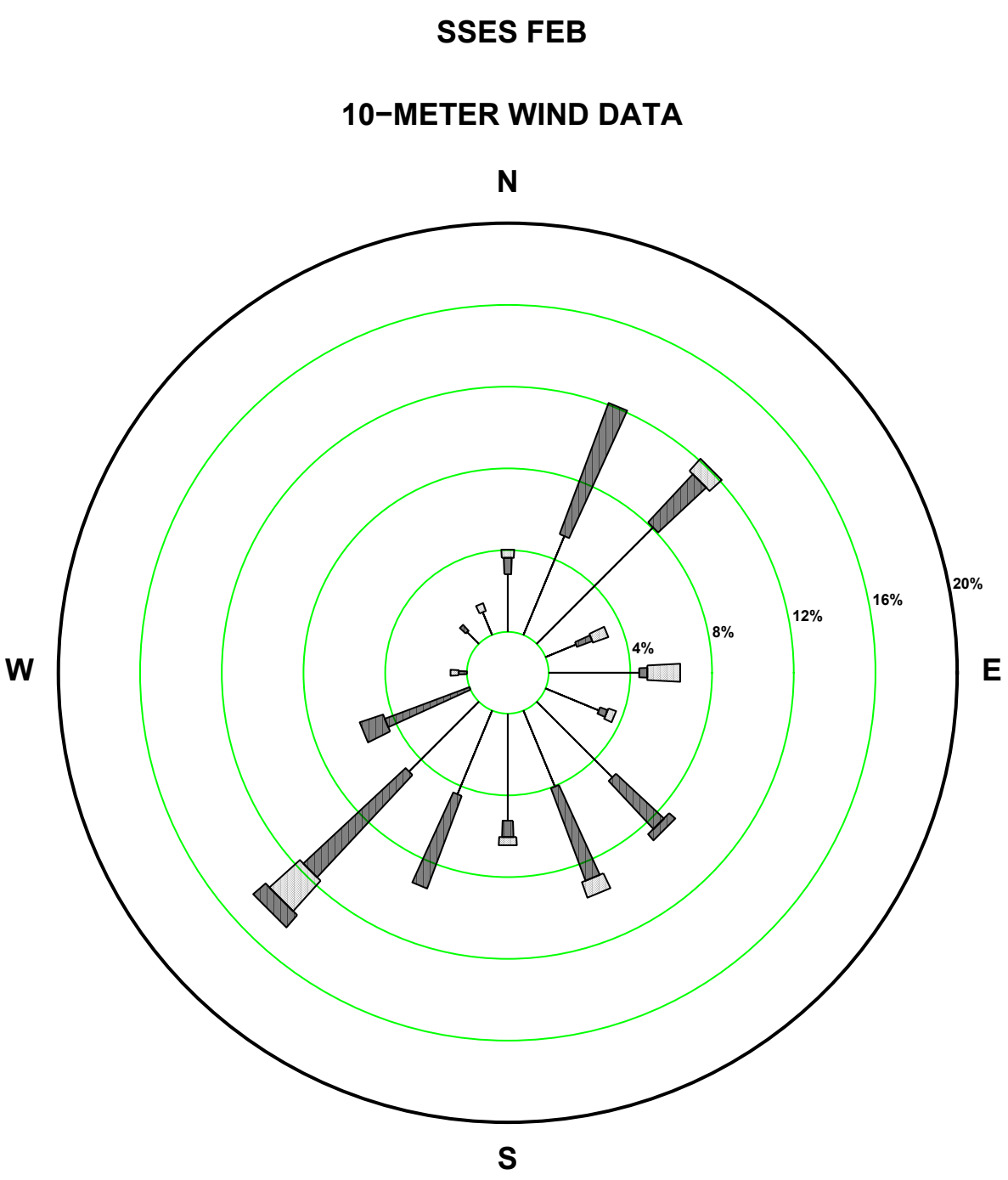


Figure 2.7-7— SSES 10 m March Precipitation Wind Rose

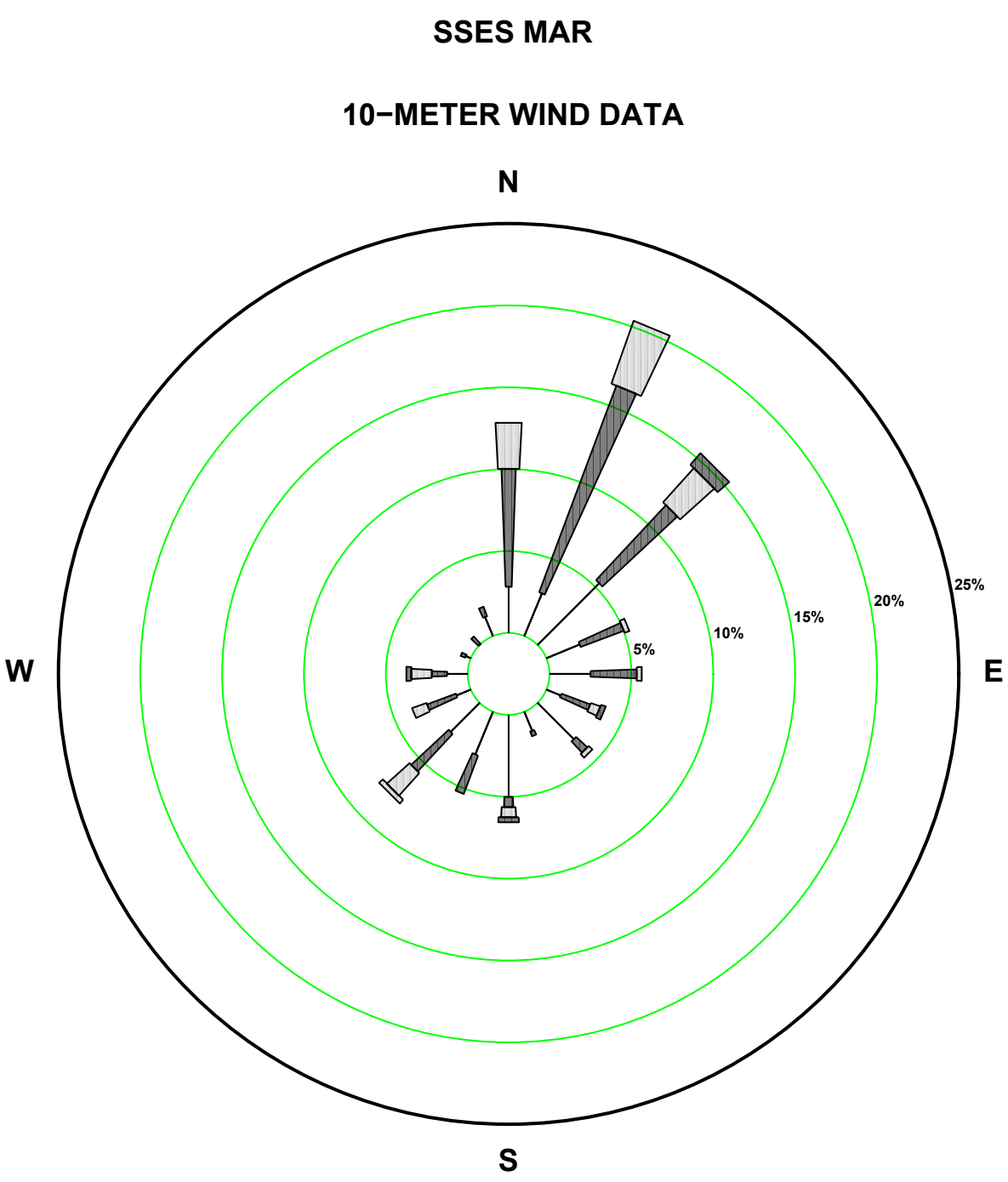


Figure 2.7-8— SSES 10 m April Precipitation Wind Rose

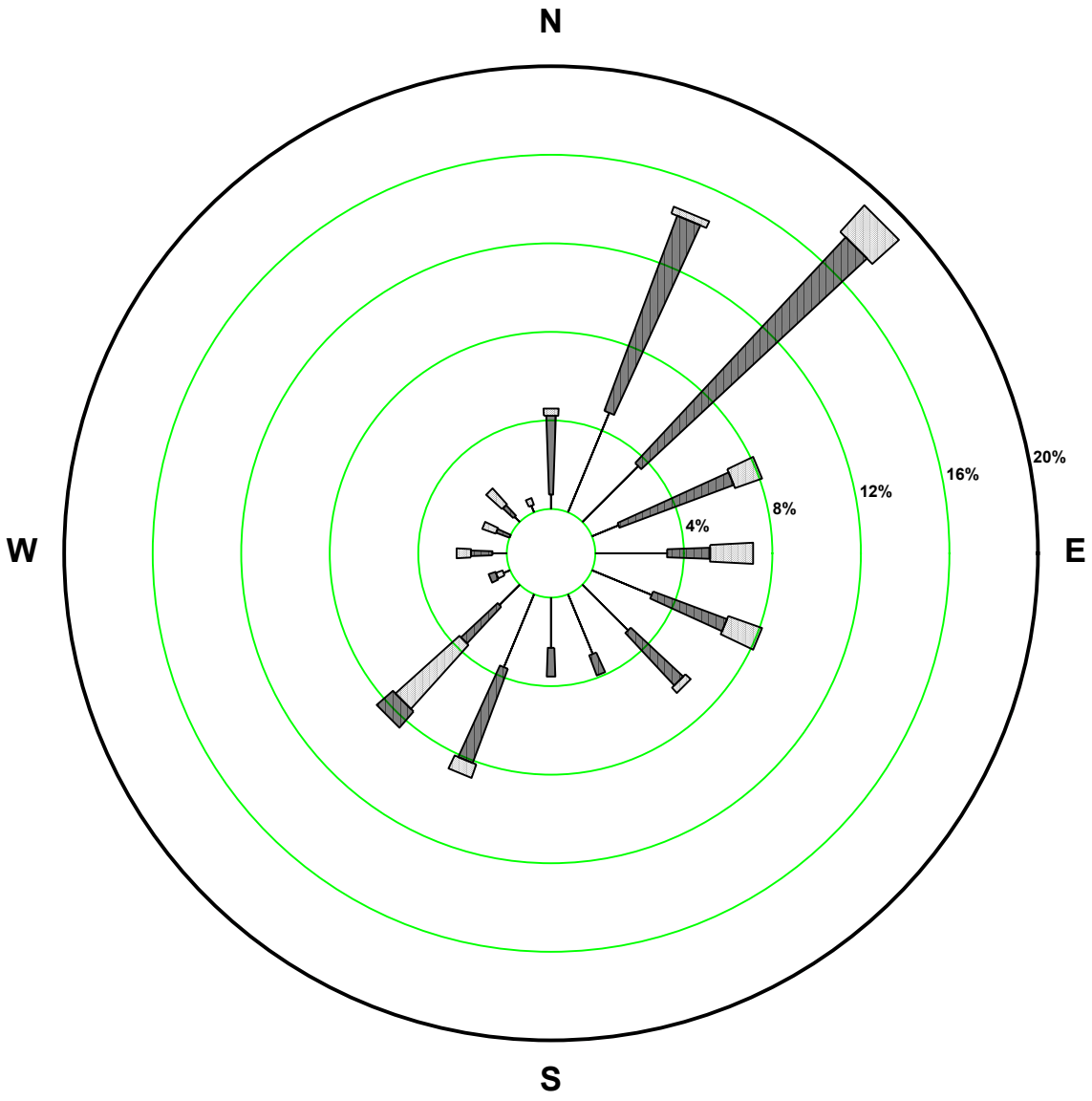


Figure 2.7-9— SSES 10 m May Precipitation Wind Rose

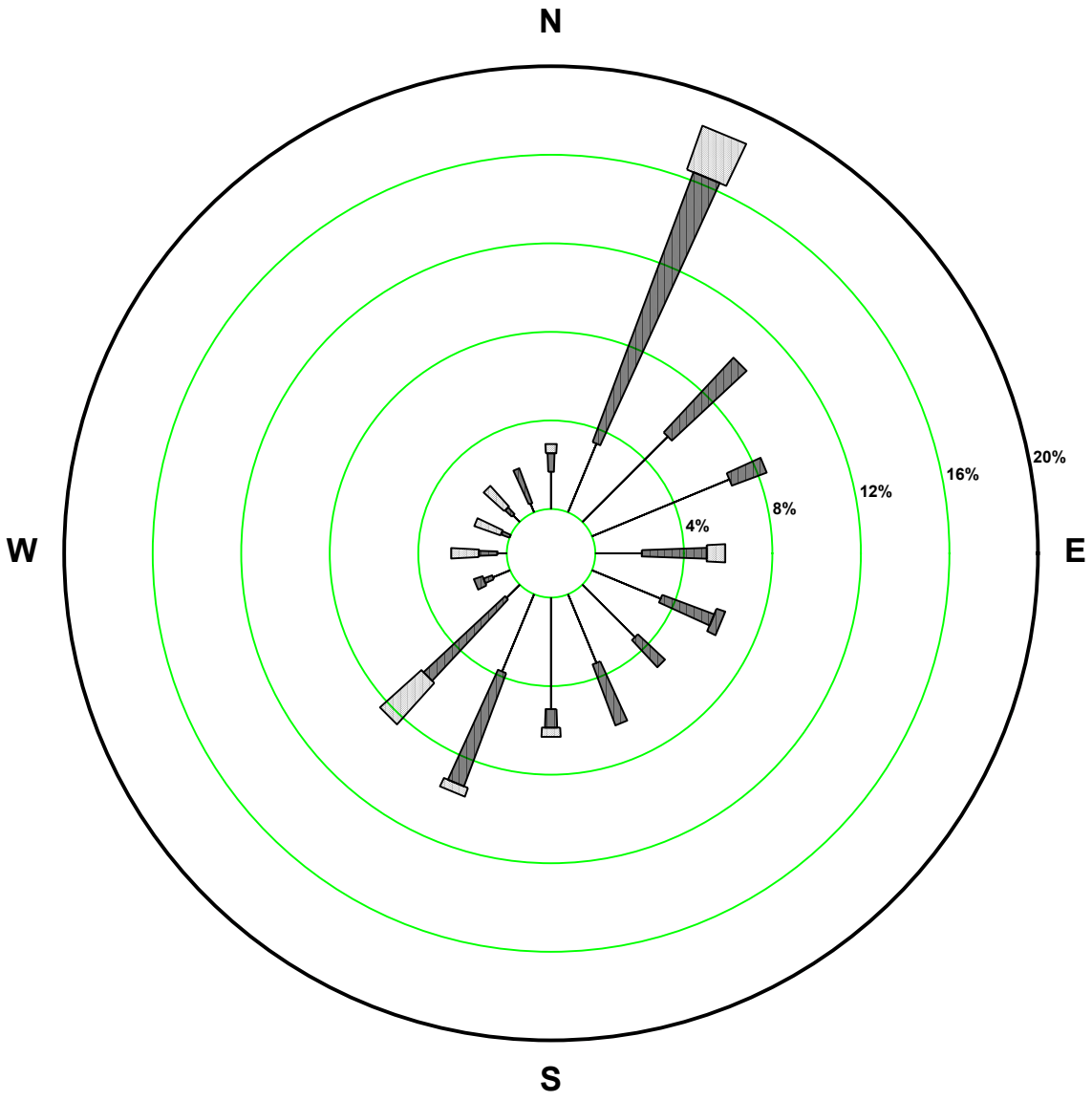


Figure 2.7-10— SSES 10 m June Precipitation Wind Rose

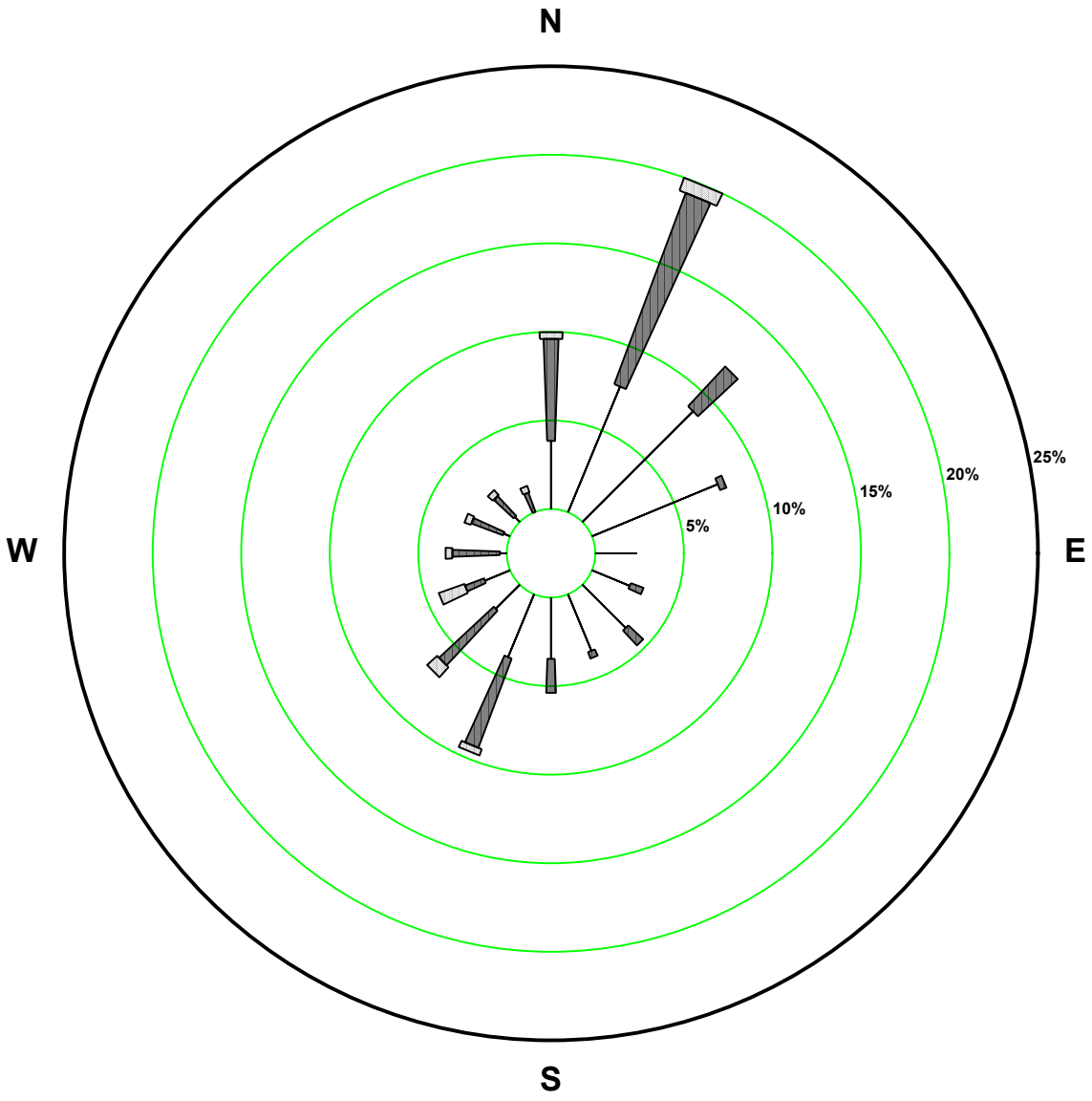


Figure 2.7-11— SSES 10 m July Precipitation Wind Rose

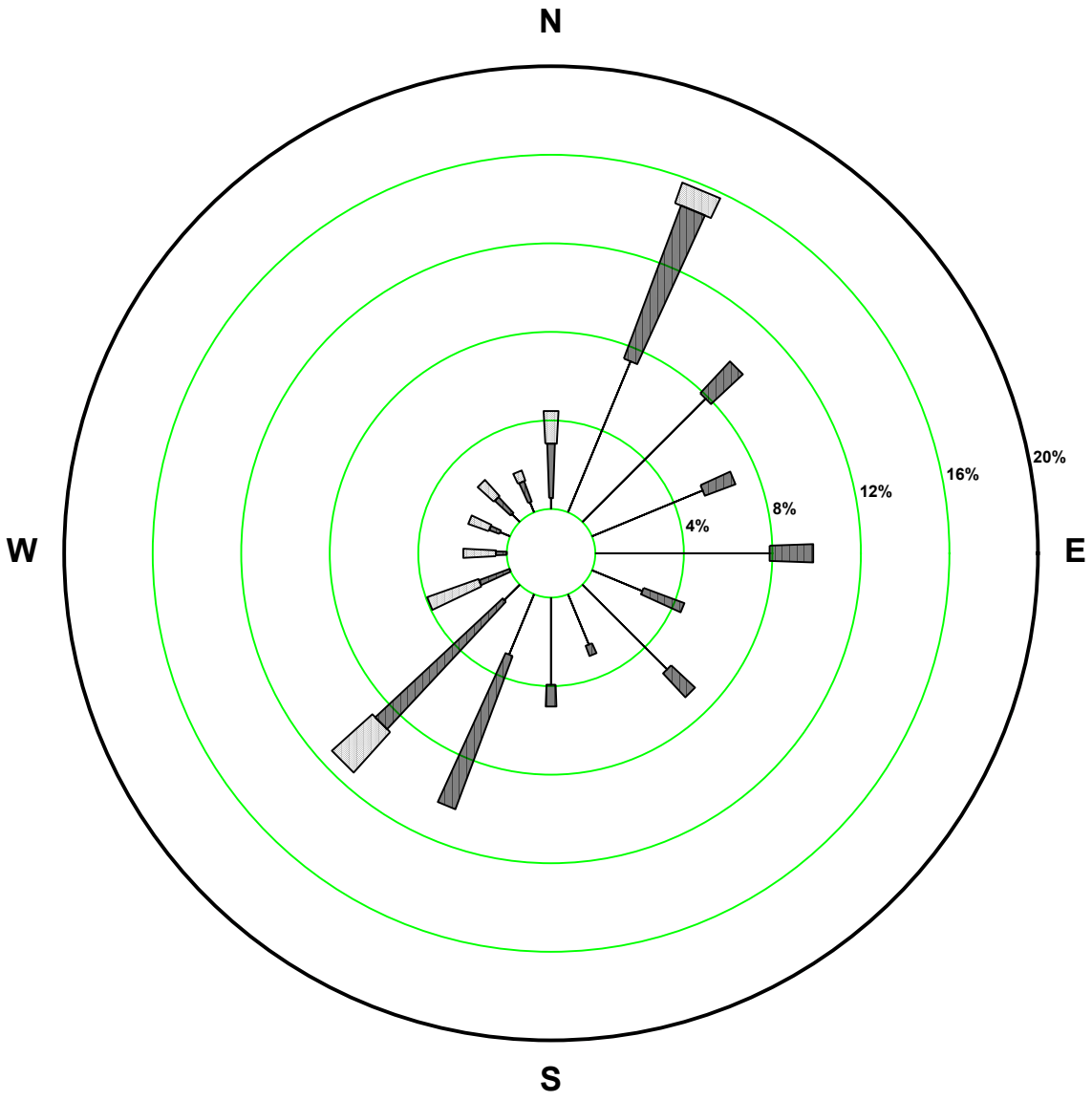


Figure 2.7-12— SSES 10 m August Precipitation Wind Rose

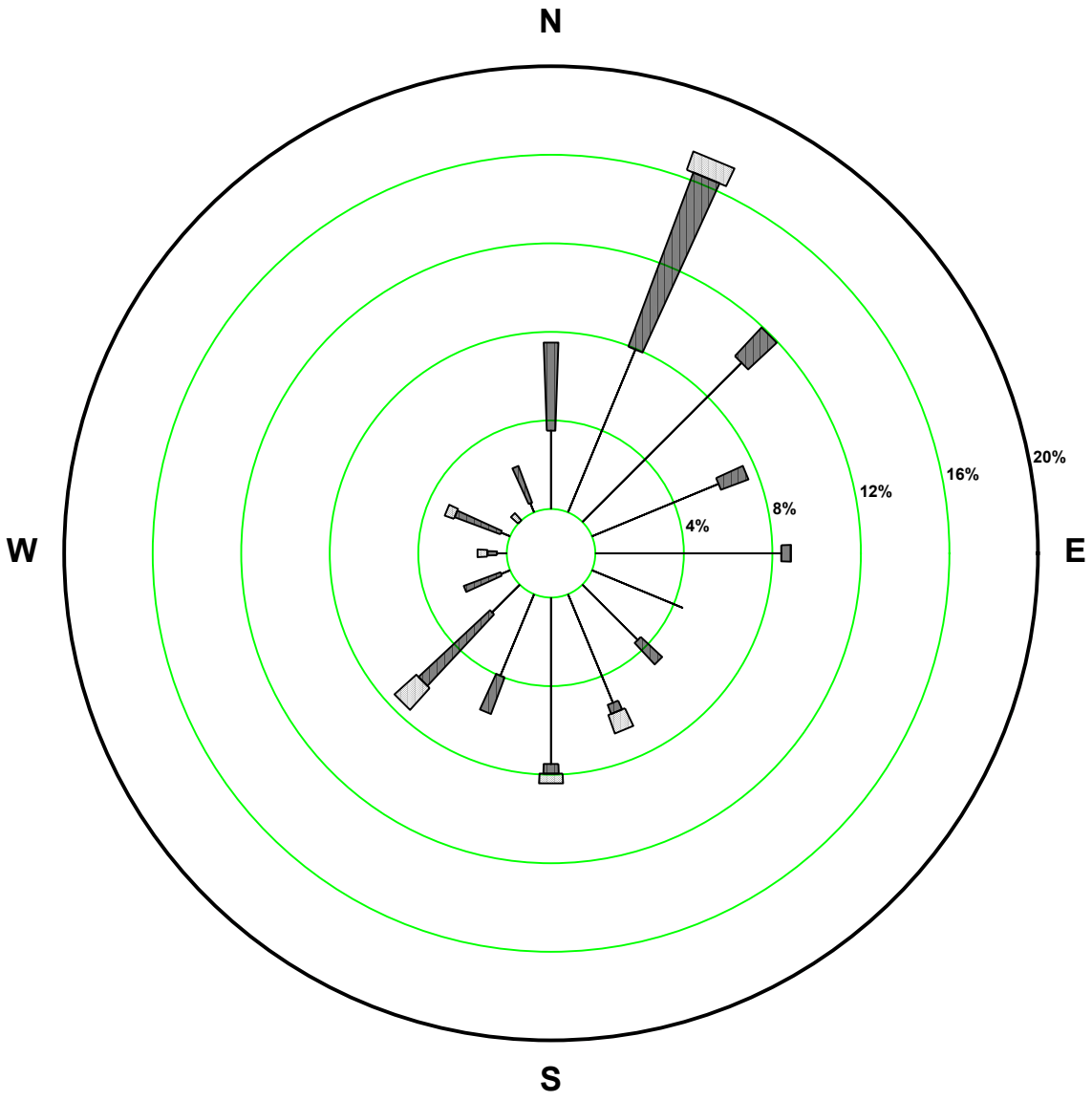


Figure 2.7-13— SSES 10 m September Precipitation Wind Rose

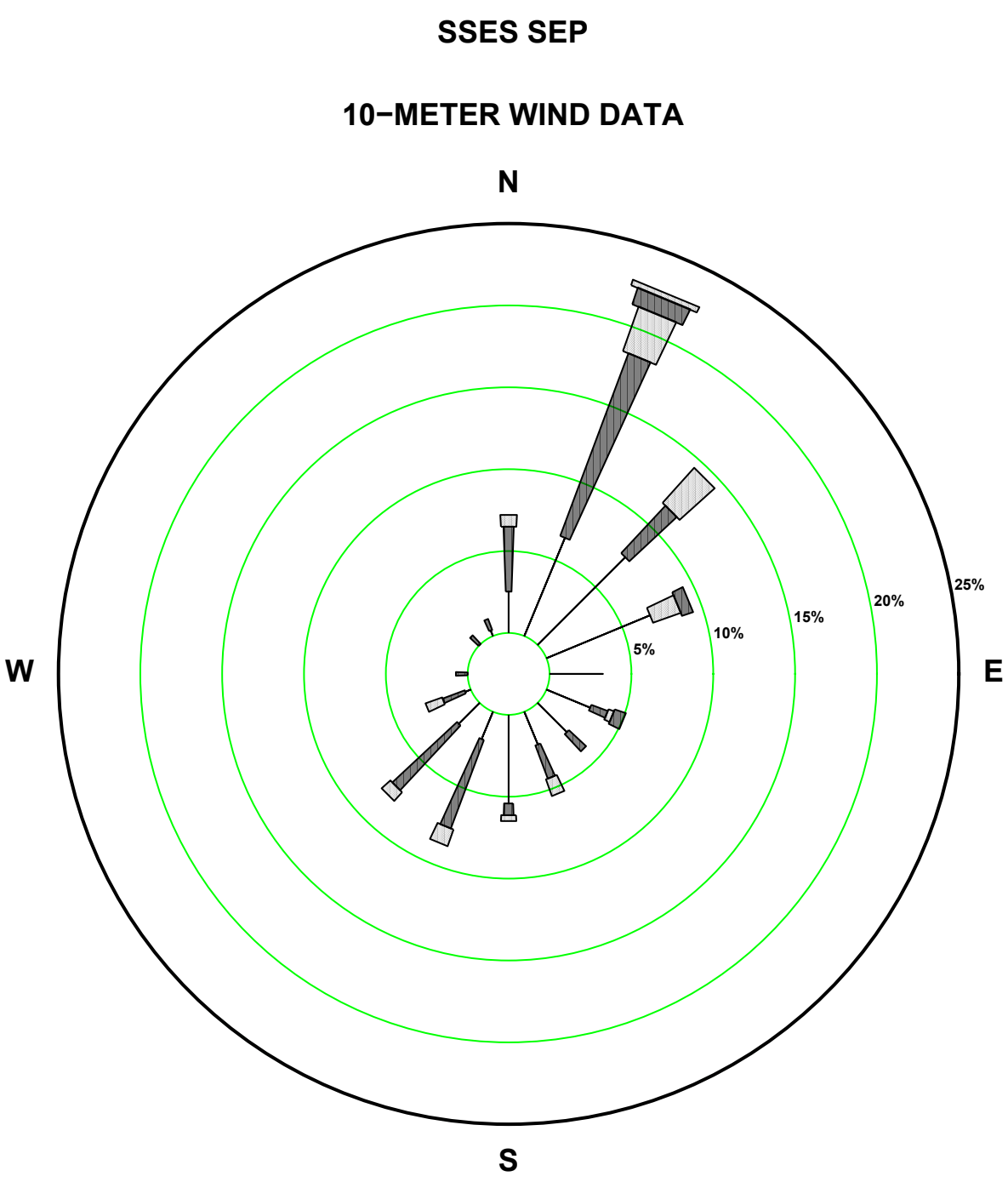
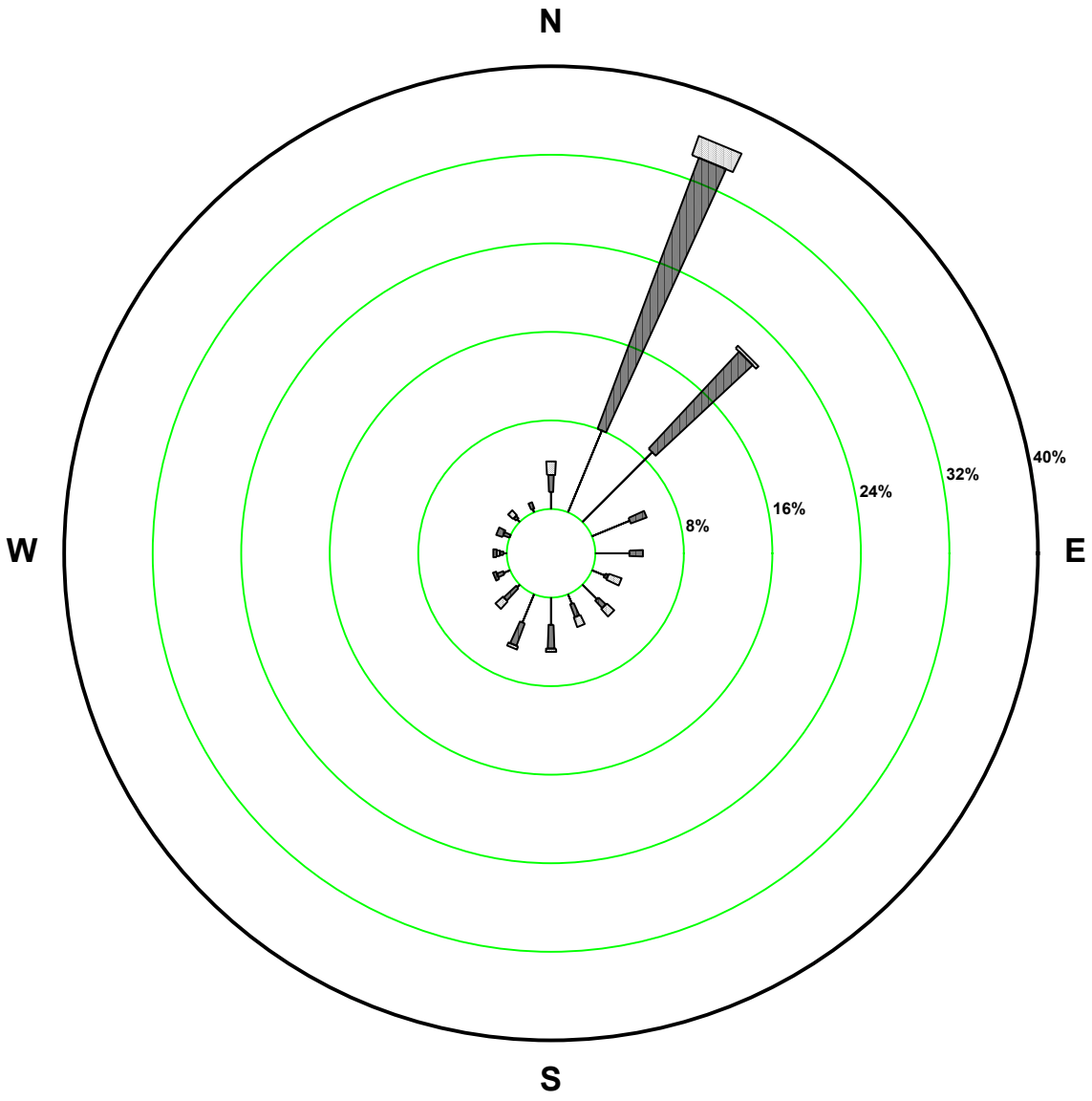


Figure 2.7-14— SSES 10 m October Precipitation Wind Rose



NOTE: Frequencies indicate direction from which the wind is blowing.

Figure 2.7-15— SSES 10 m November Precipitation Wind Rose

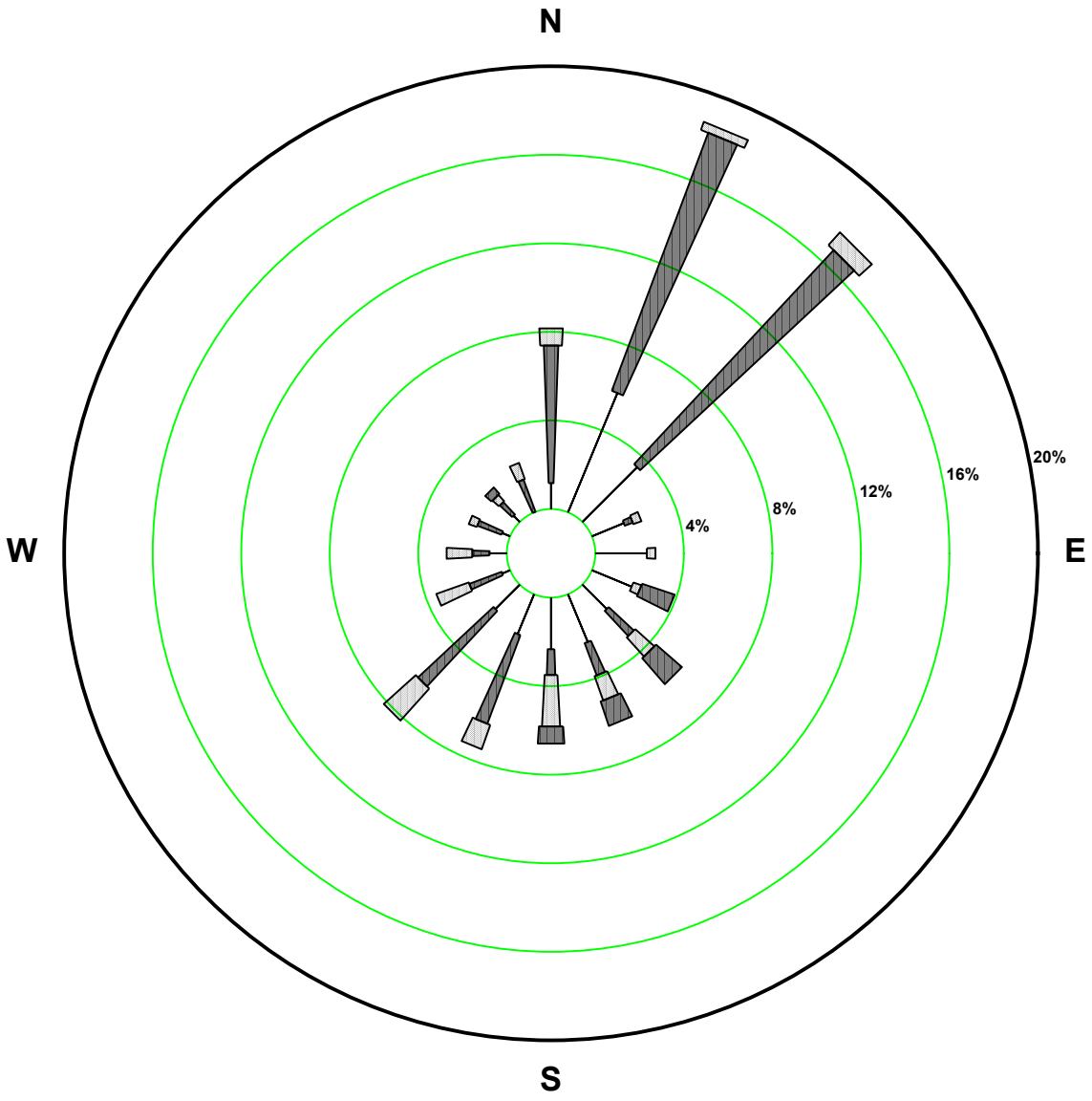


Figure 2.7-16— SSES 10 m December Precipitation Wind Rose

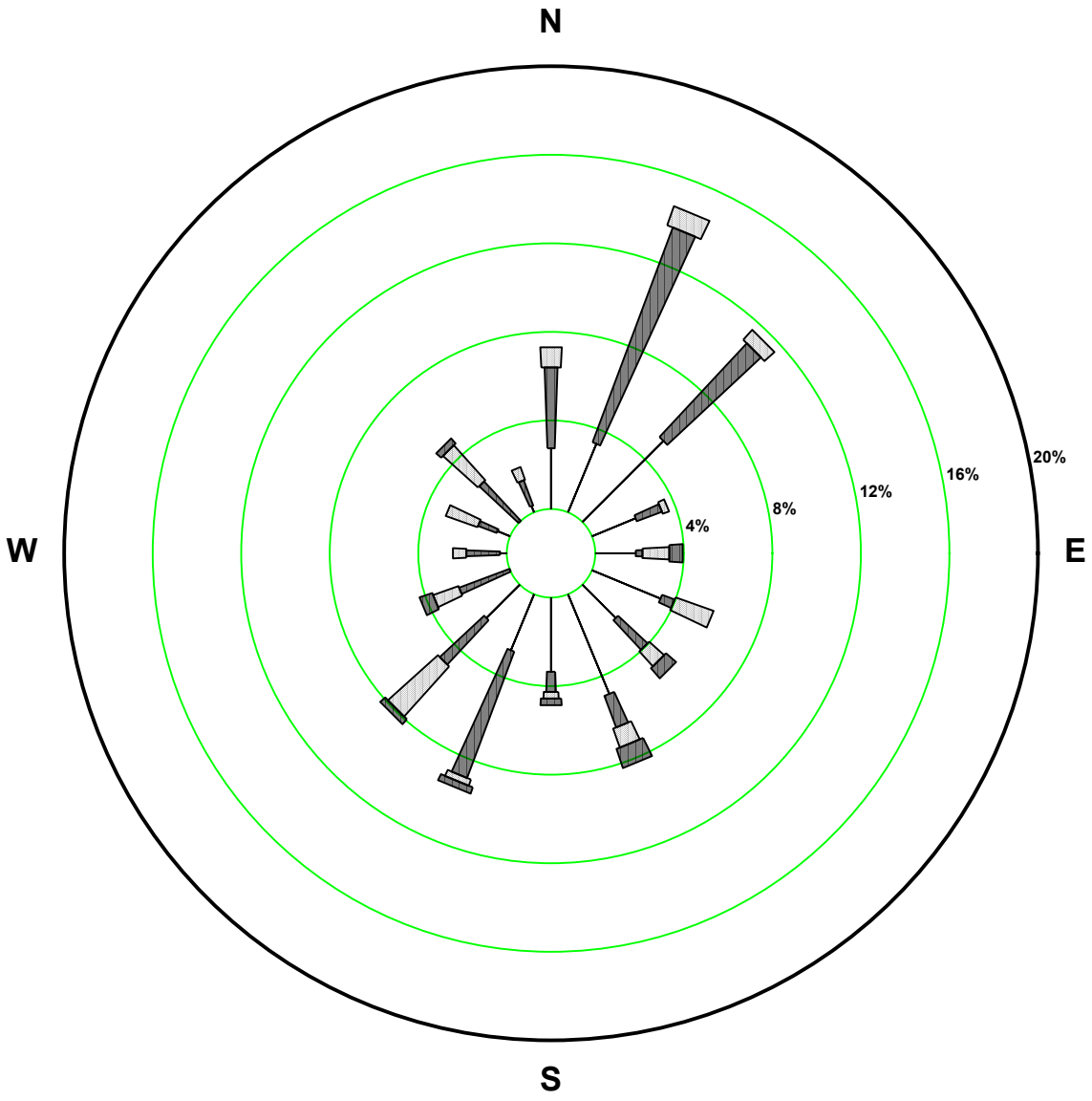


Figure 2.7-17— SSES 10 m Annual Precipitation Wind Rose

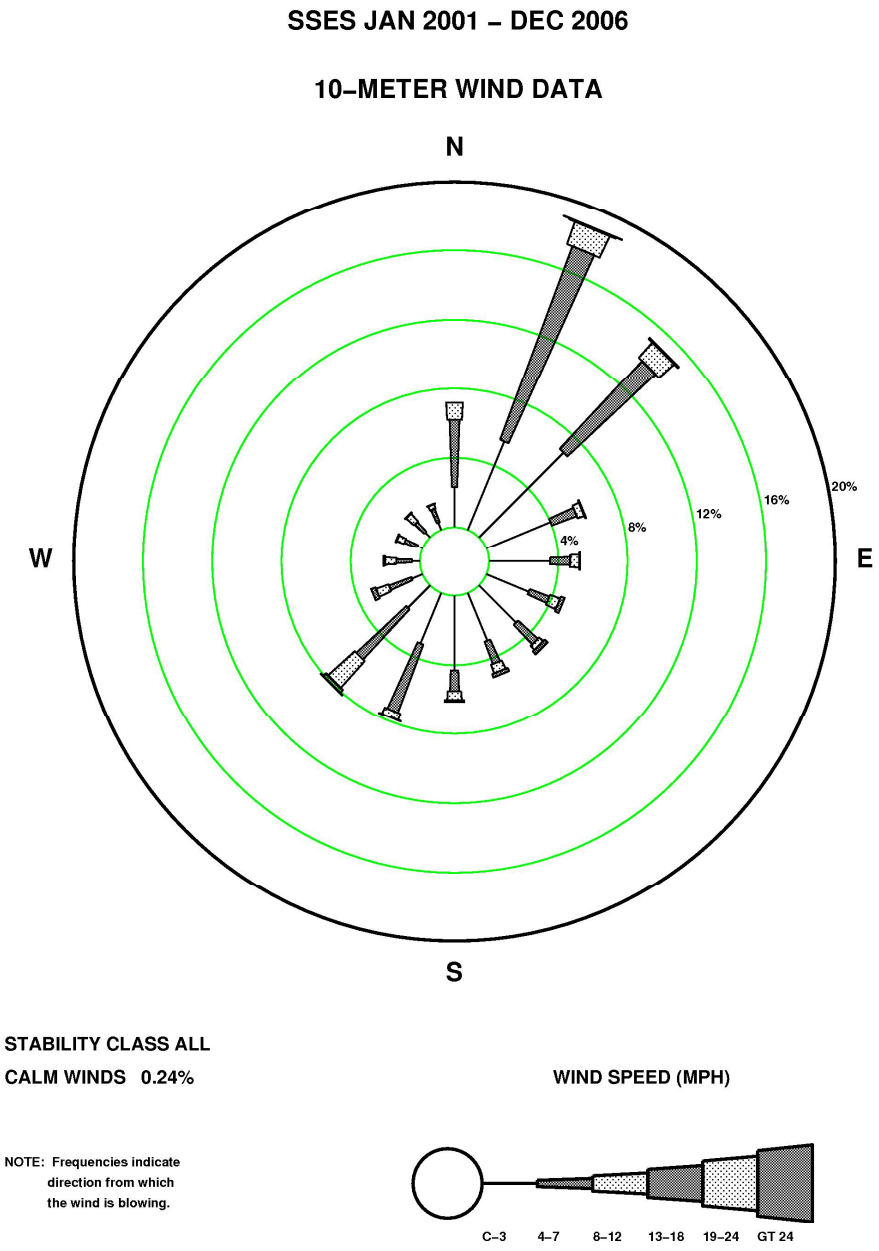


Figure 2.7-18— SSES 60 m January Precipitation Wind Rose

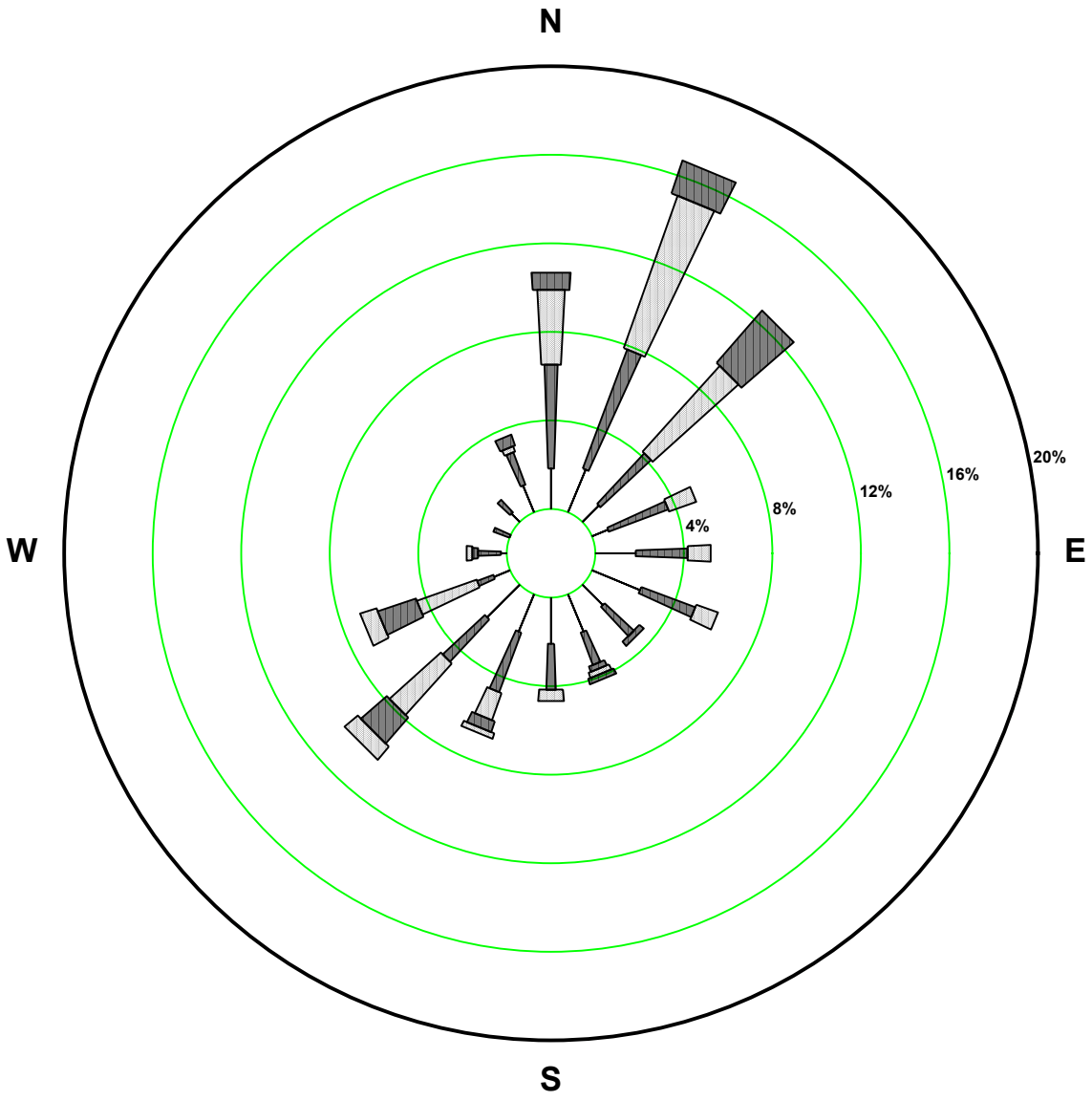


Figure 2.7-19— SSES 60 m February Precipitation Wind Rose

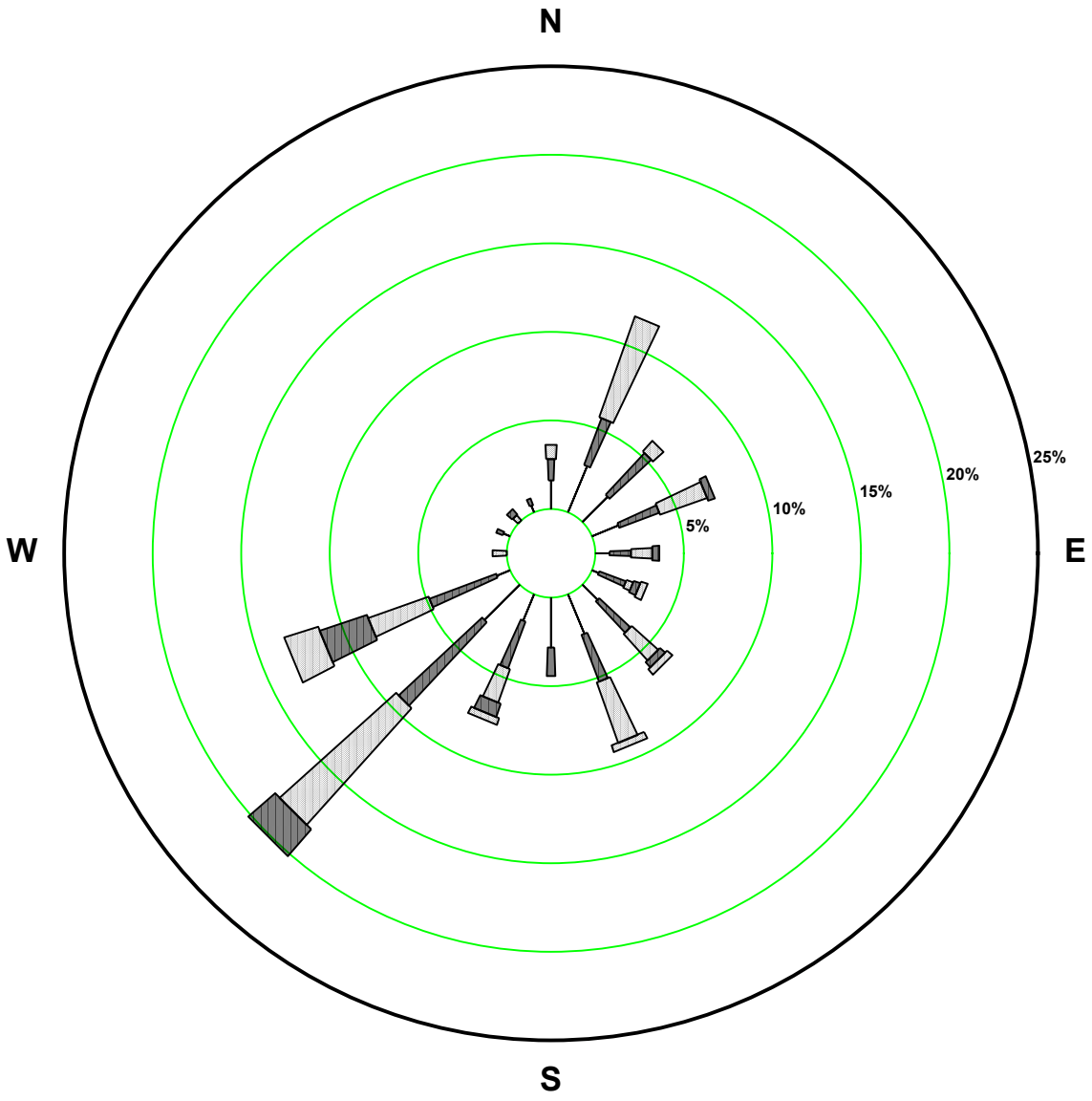


Figure 2.7-20— SSES 60 m March Precipitation Wind Rose

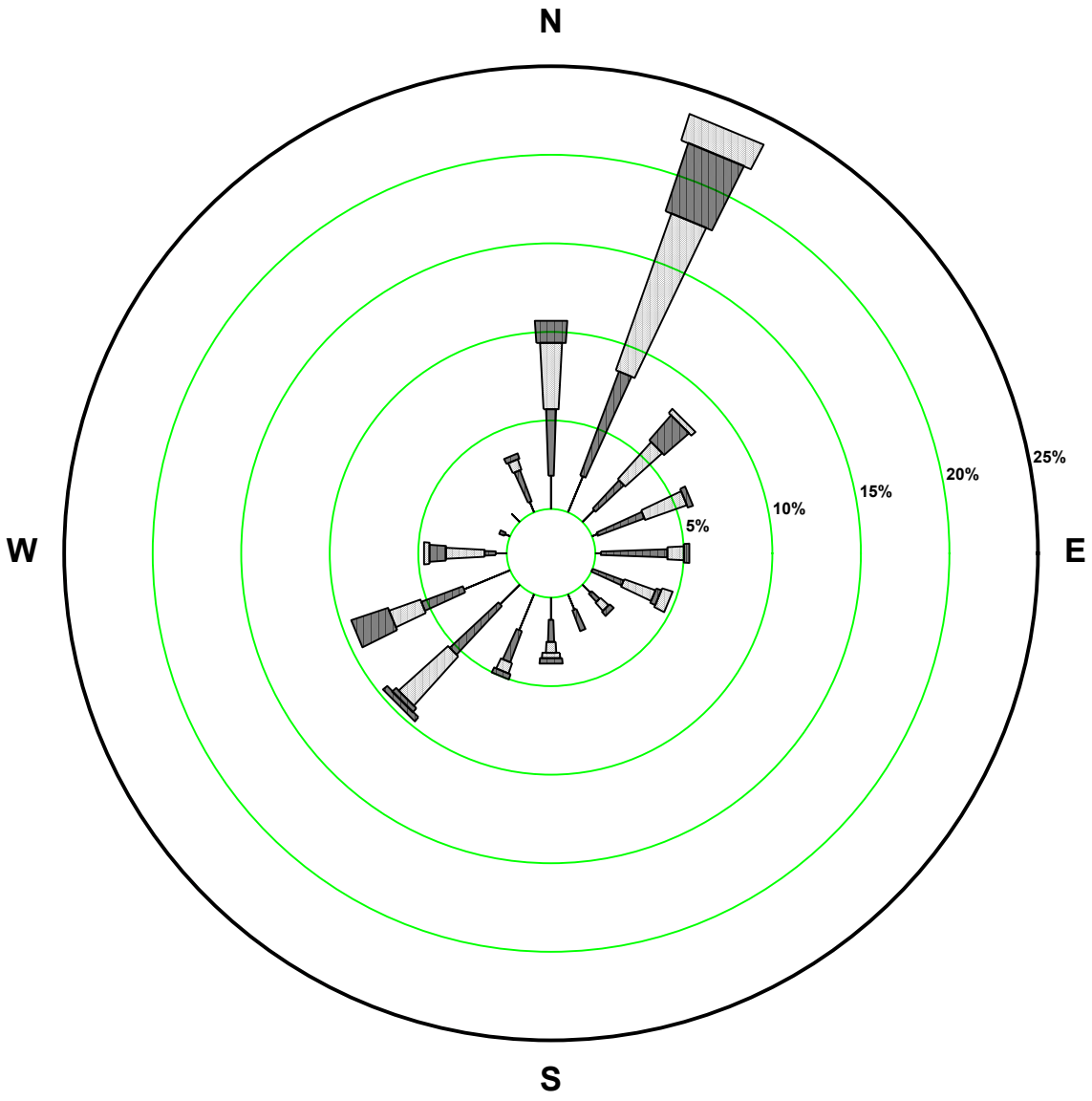


Figure 2.7-21— SSES 60 m April Precipitation Wind Rose

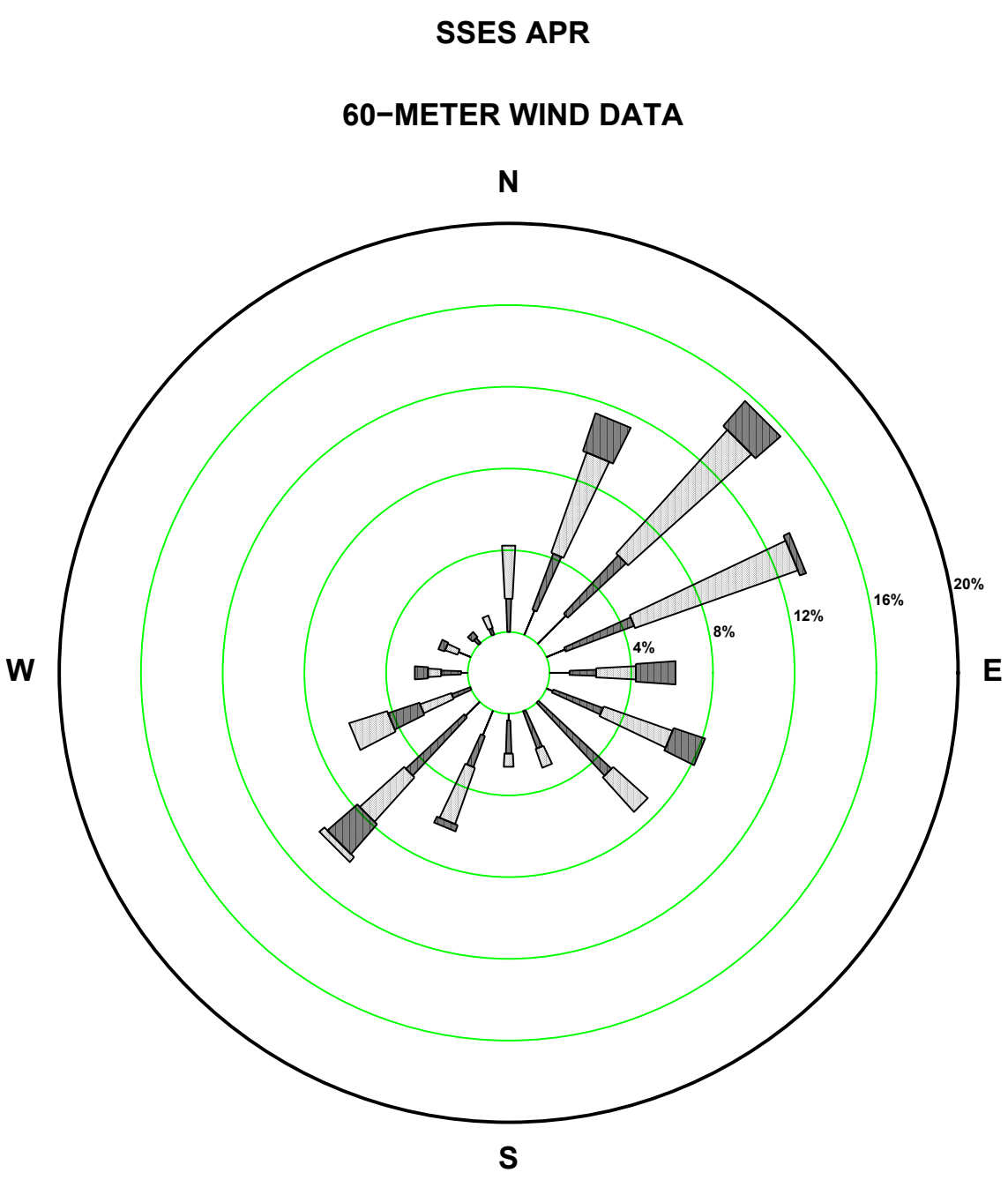


Figure 2.7-22— SSES 60 m May Precipitation Wind Rose

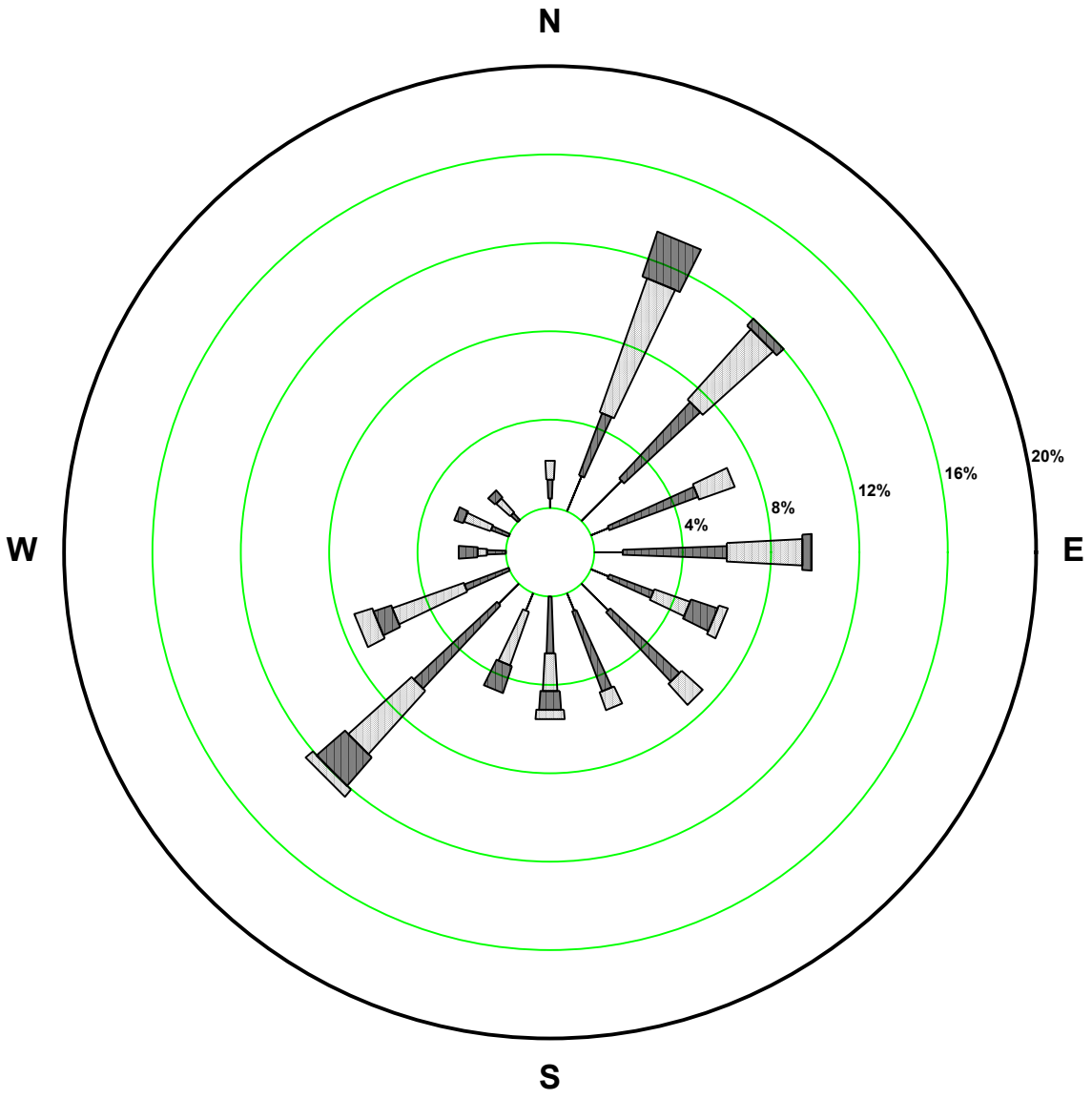


Figure 2.7-23— SSES 60 m June Precipitation Wind Rose

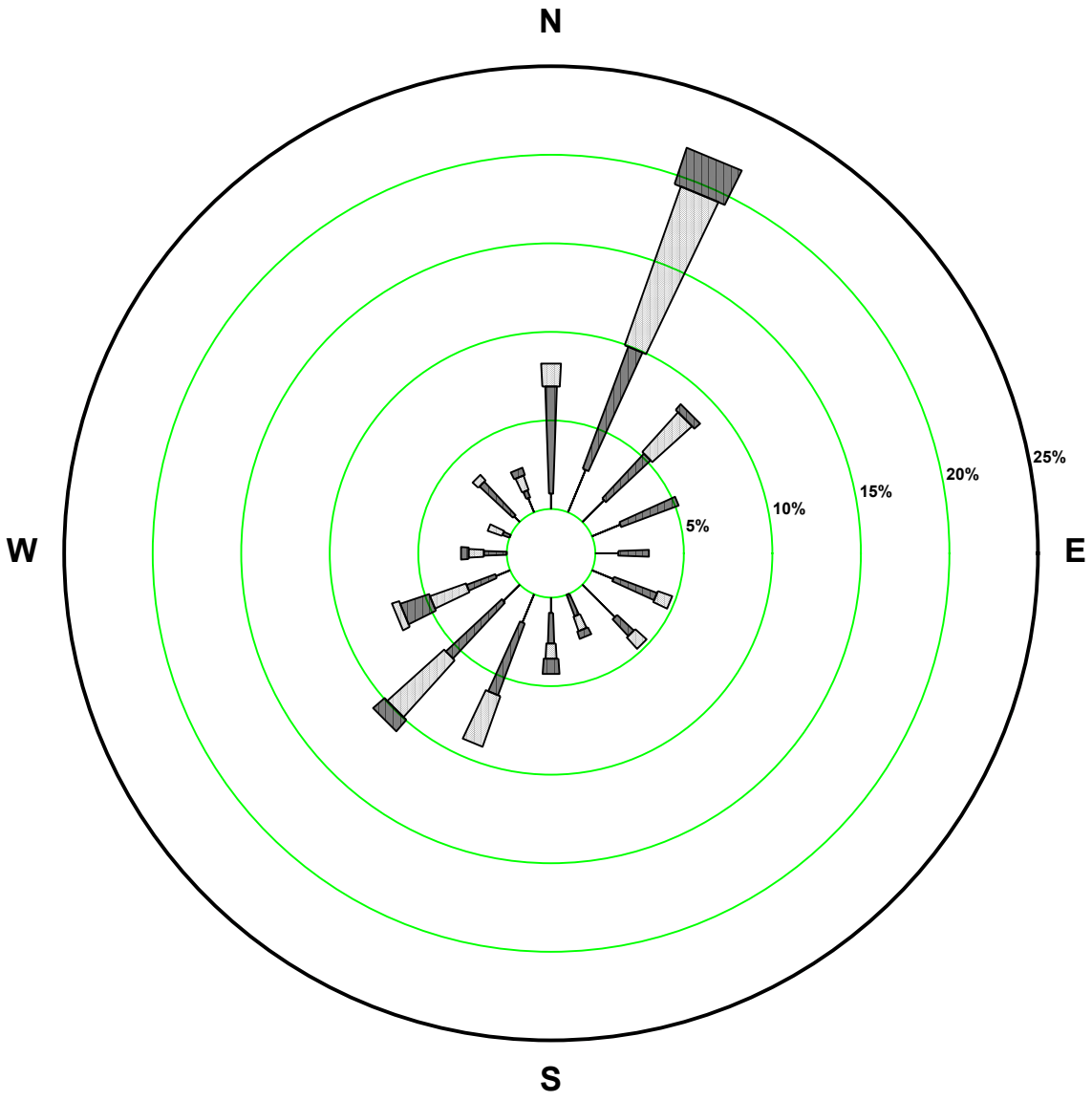


Figure 2.7-24— SSES 60 m July Precipitation Wind Rose

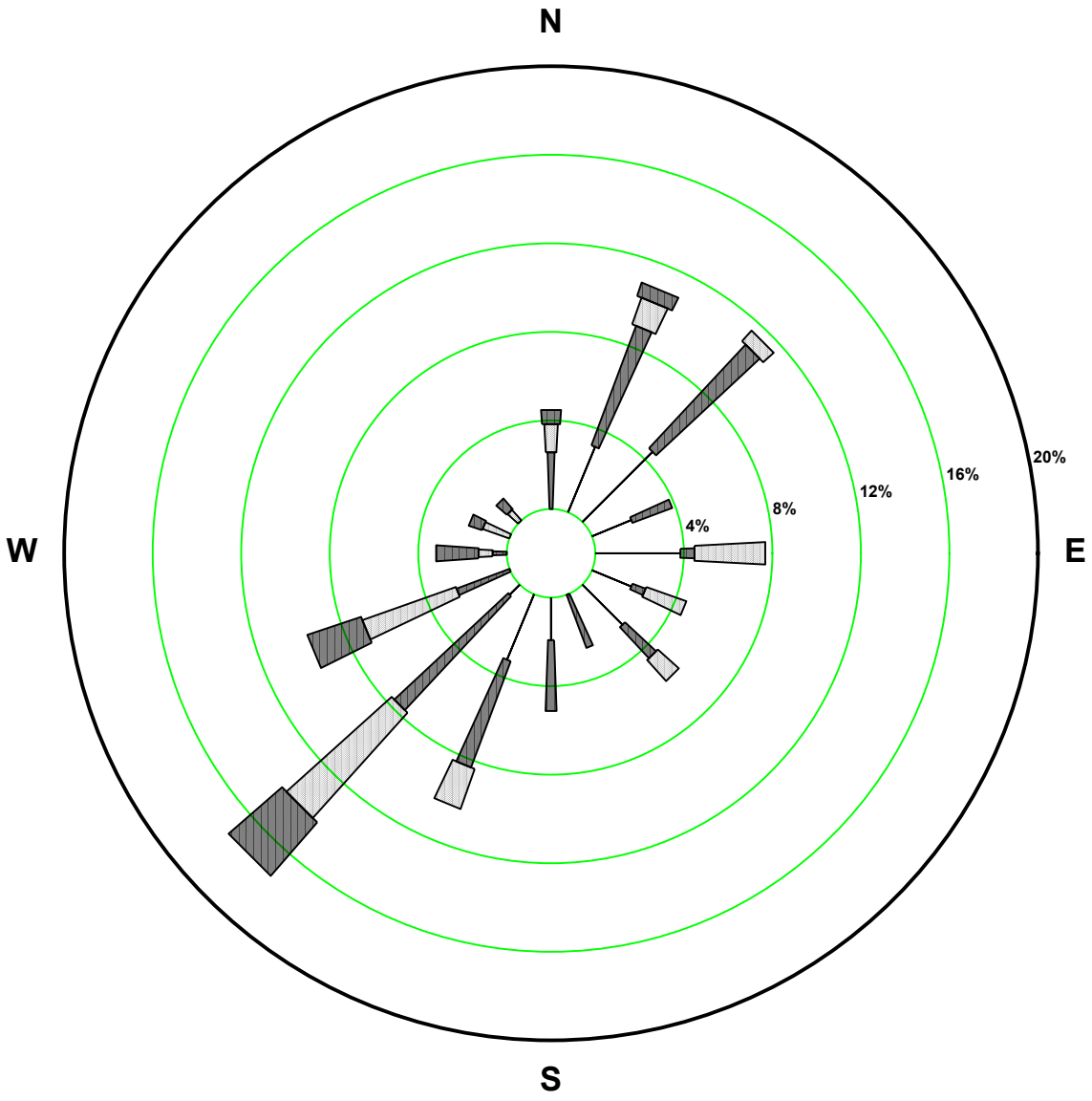


Figure 2.7-25— SSES 60 m August Precipitation Wind Rose

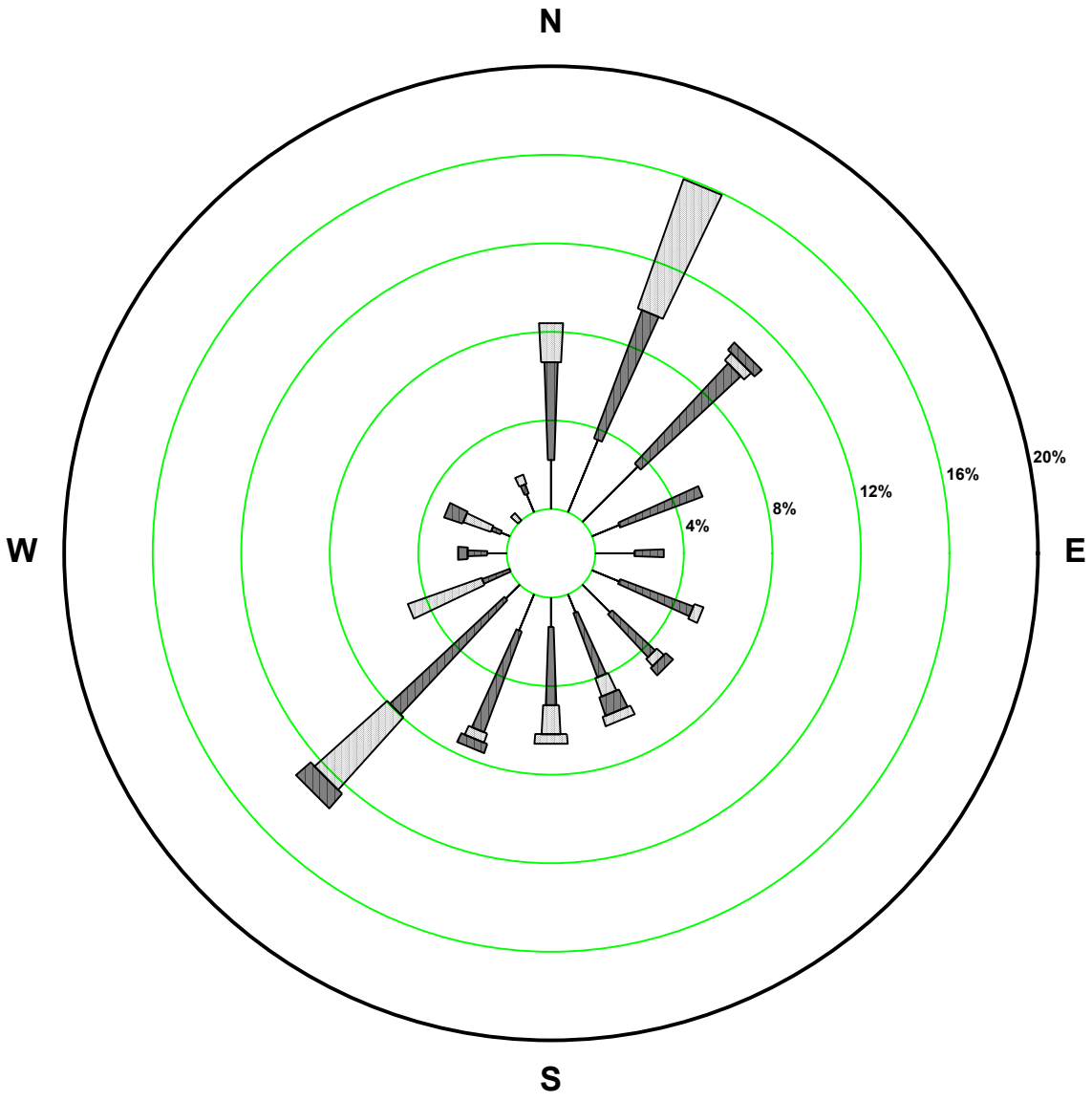


Figure 2.7-26— SSES 60 m September Precipitation Wind Rose

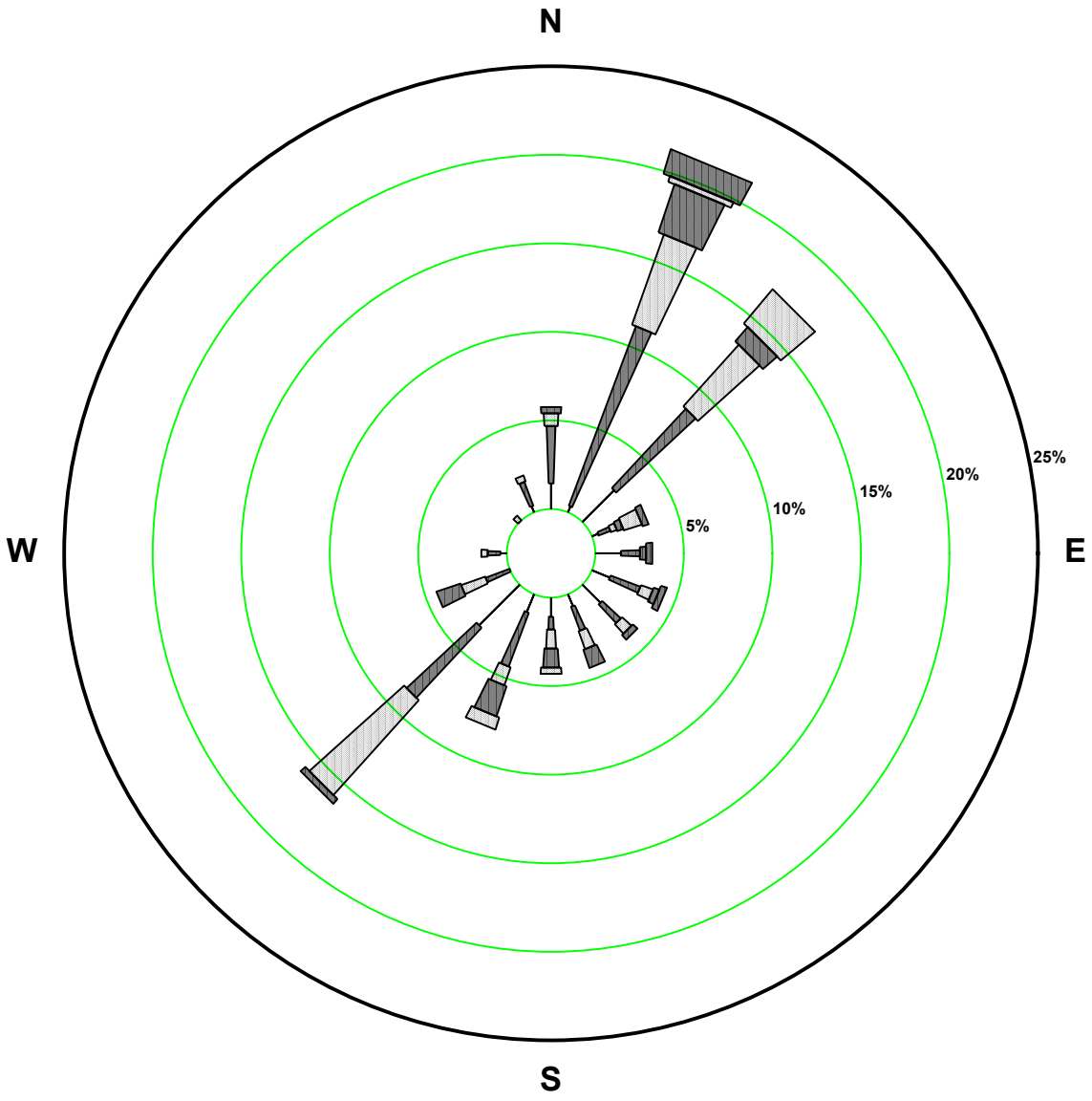


Figure 2.7-27— SSES 60 m October Precipitation Wind Rose

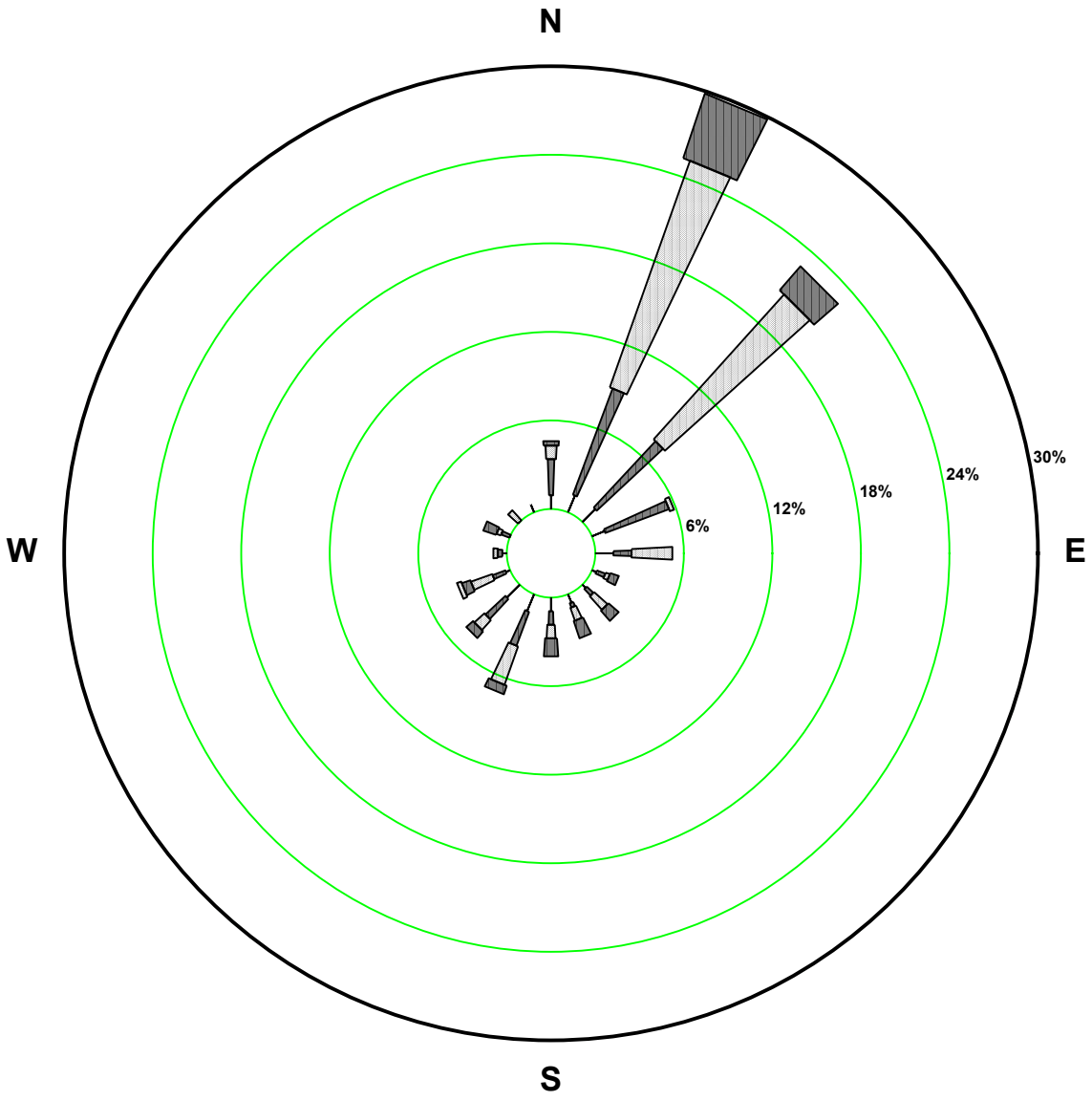


Figure 2.7-28— SSES 60 m November Precipitation Wind Rose

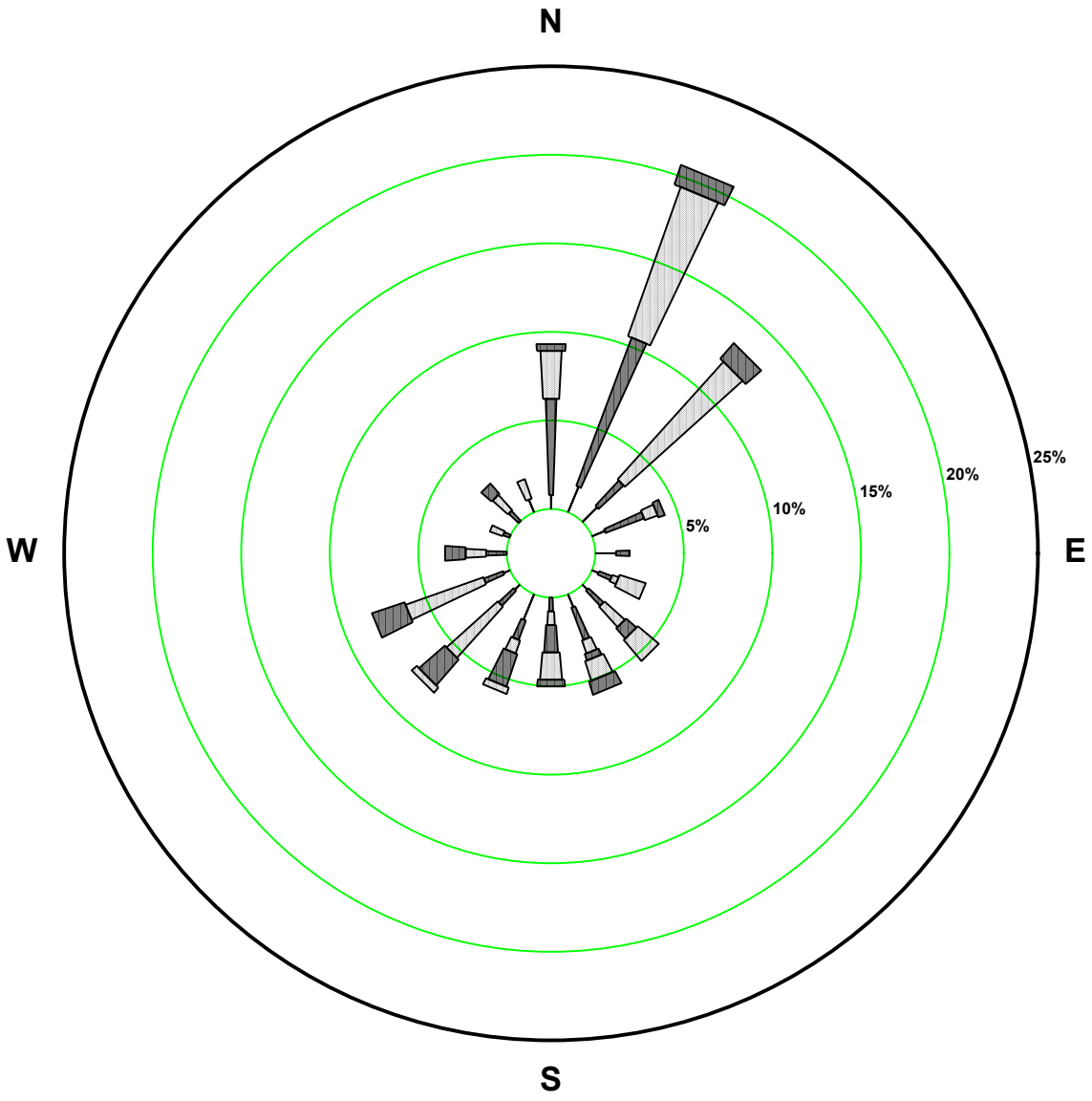


Figure 2.7-29— SSES 60 m December Precipitation Wind Rose

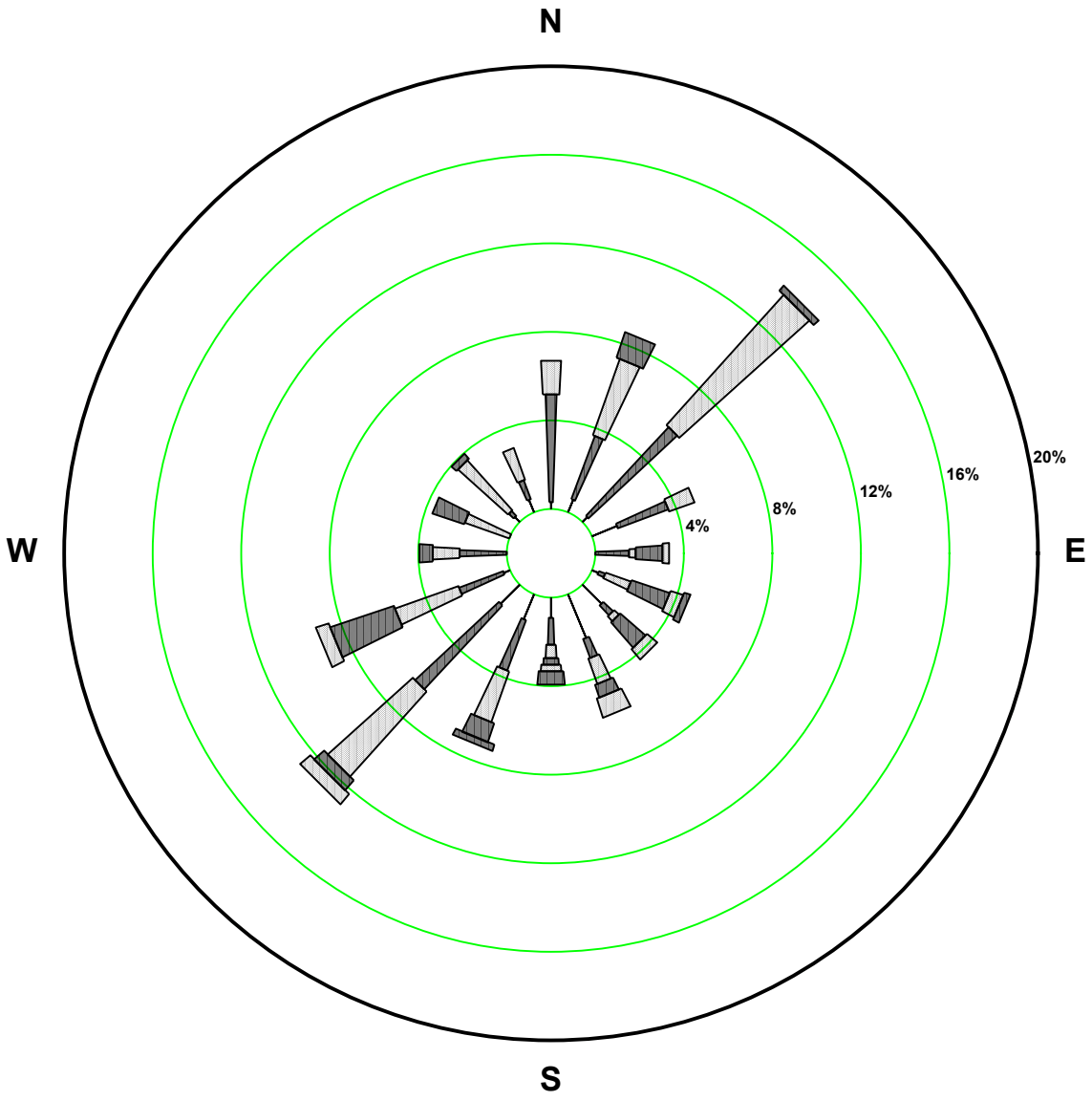
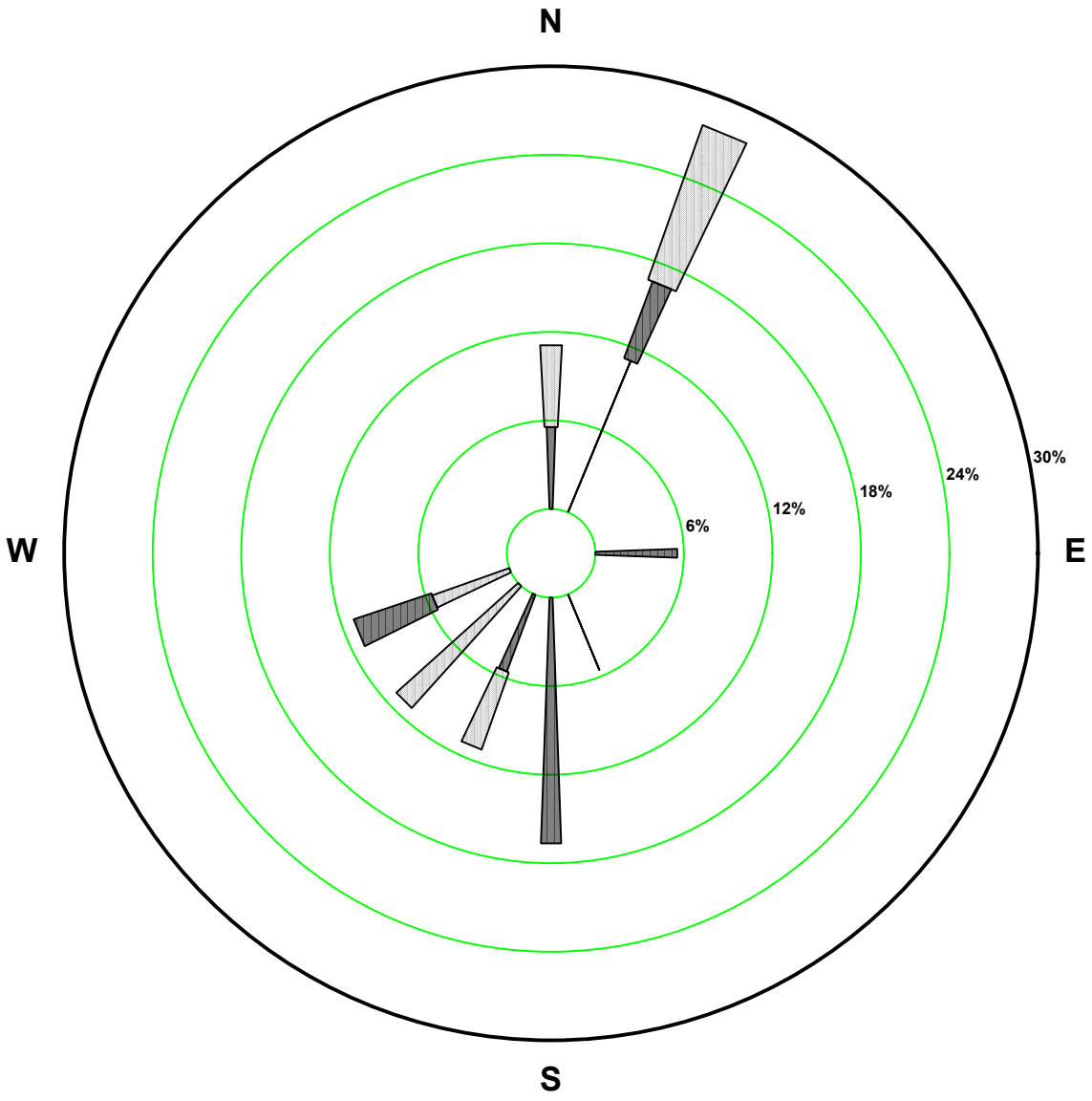


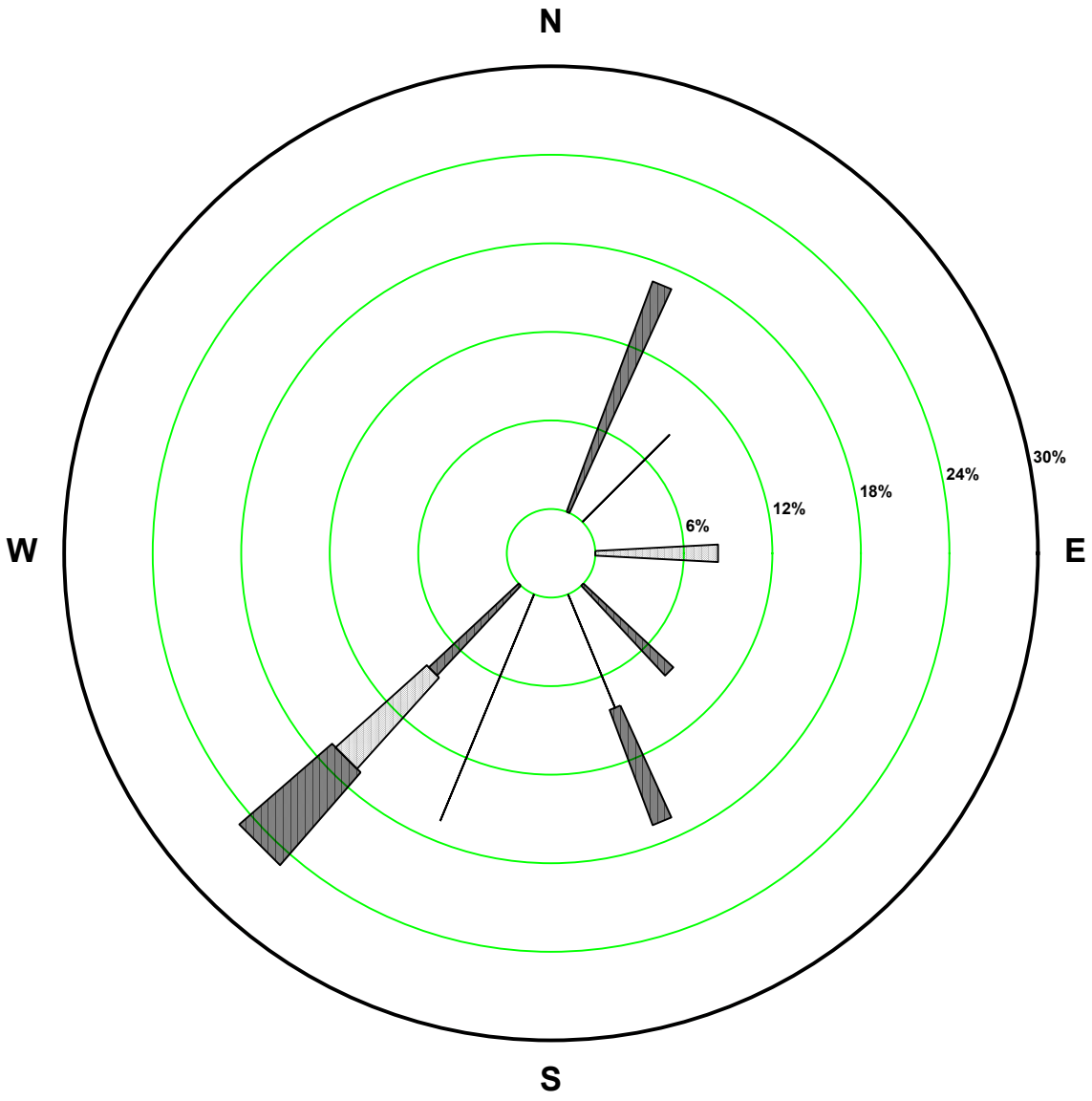
Figure 2.7-30— SSES 60 m Annual Precipitation Wind Rose

Figure 2.7-31— SSES 10 m January Precipitation Rate Wind Rose



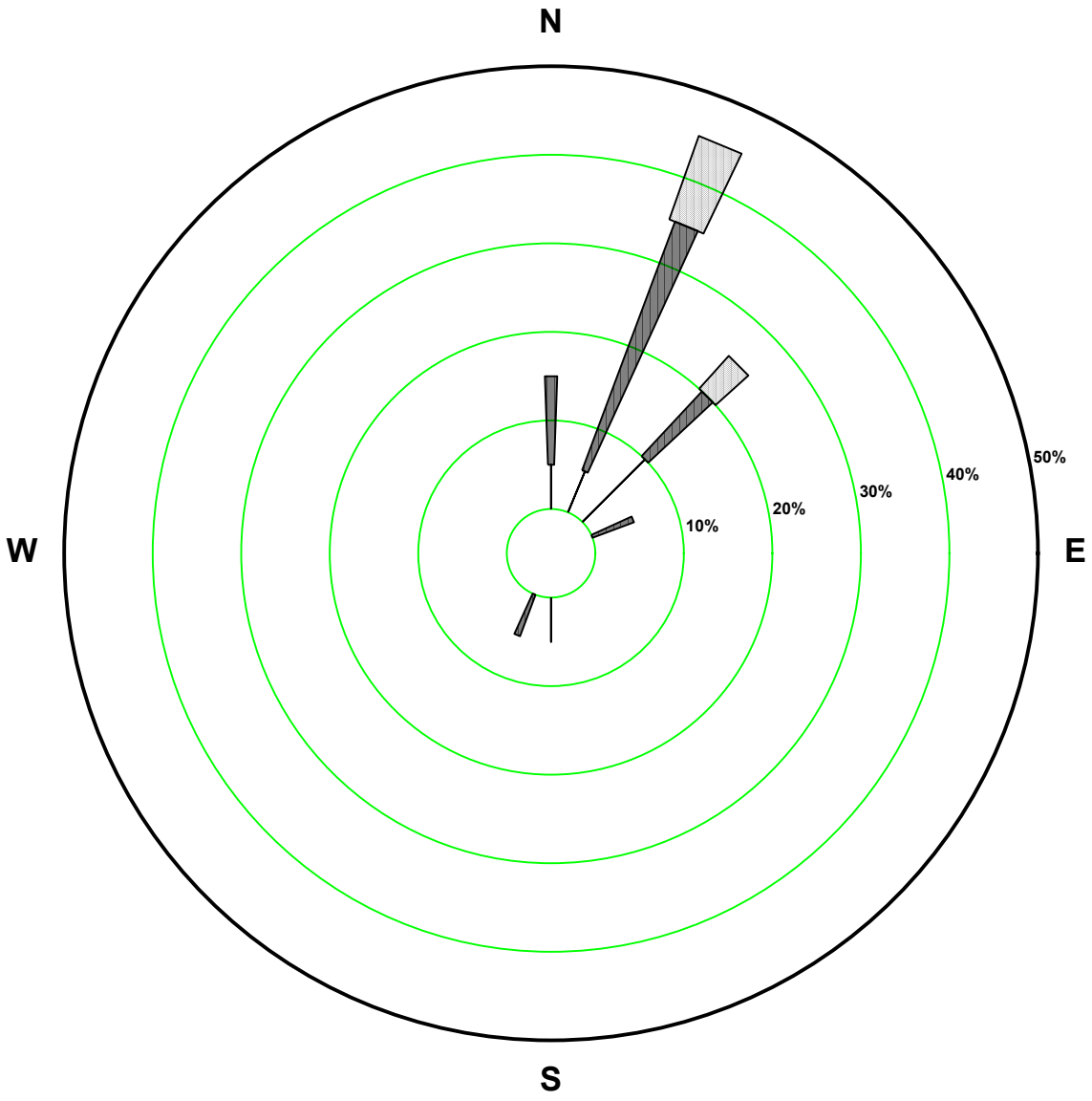
NOTE: Frequencies indicate direction from which the wind is blowing.

Figure 2.7-32— SSES 10 m February Precipitation Rate Wind Rose



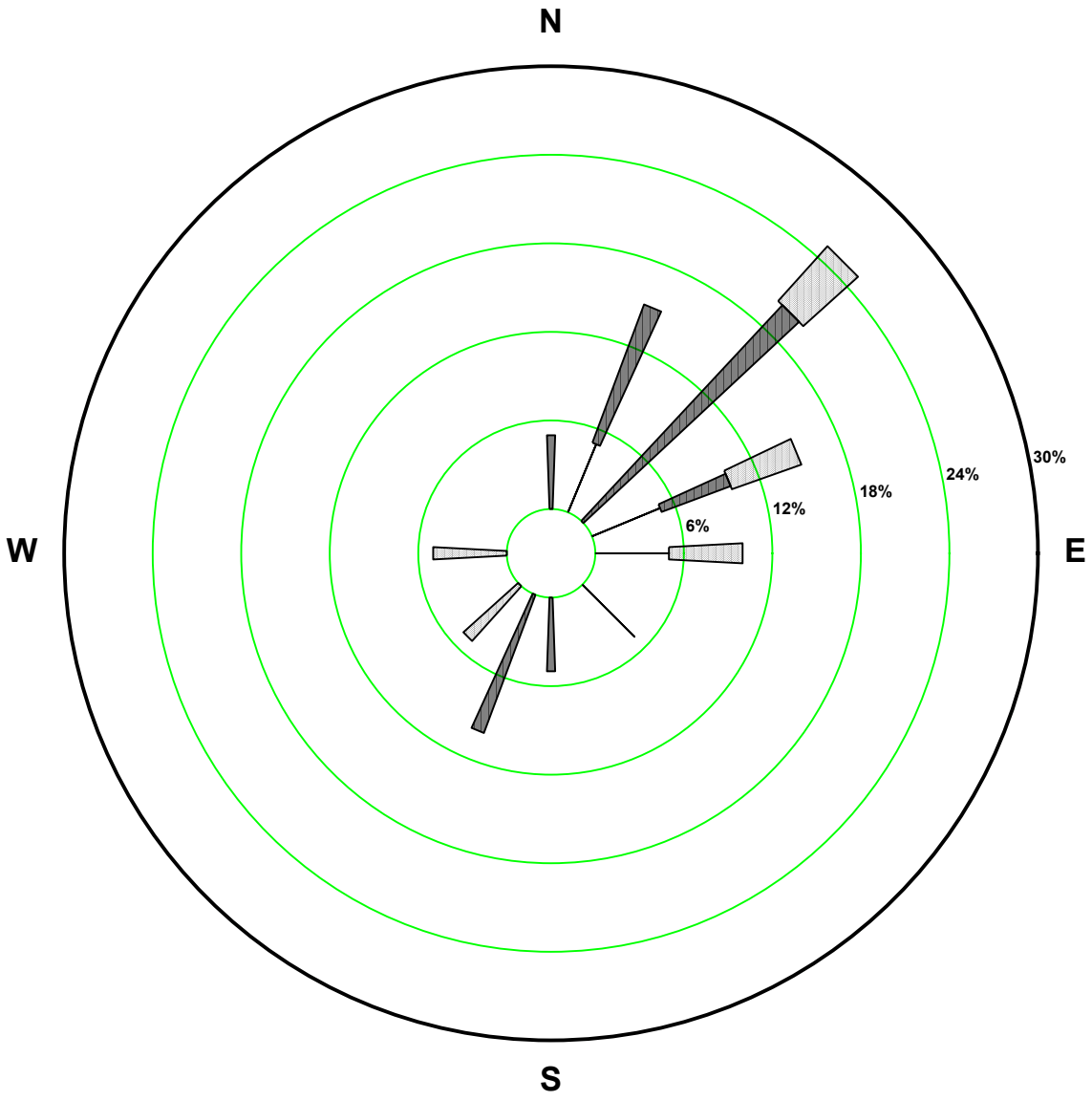
NOTE: Frequencies indicate direction from which the wind is blowing.

Figure 2.7-33— SSES 10 m March Precipitation Rate Wind Rose



NOTE: Frequencies indicate direction from which the wind is blowing.

Figure 2.7-34— SSES 10 m April Precipitation Rate Wind Rose



NOTE: Frequencies indicate direction from which the wind is blowing.

Figure 2.7-35— SSES 10 m May Precipitation Rate Wind Rose

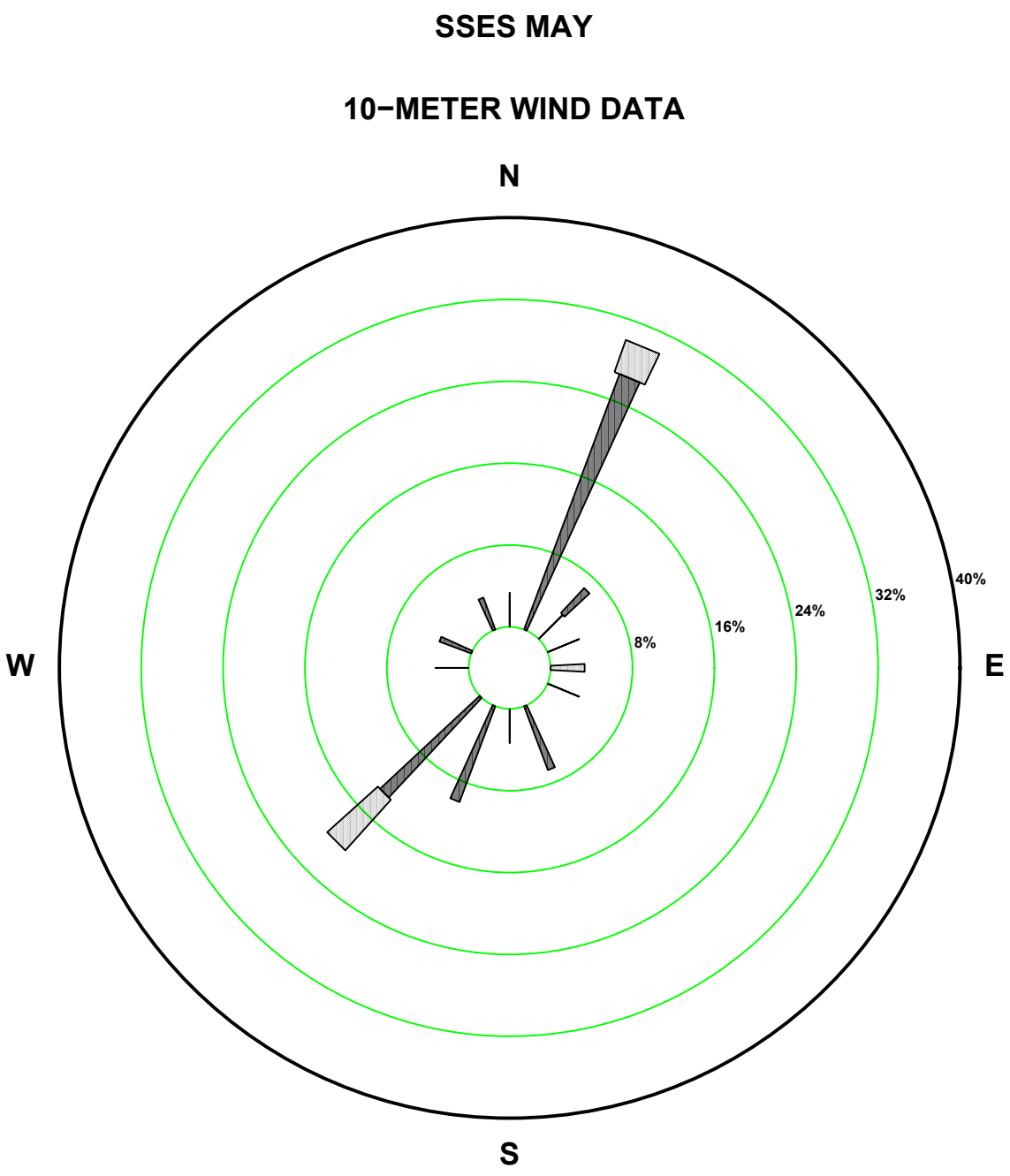
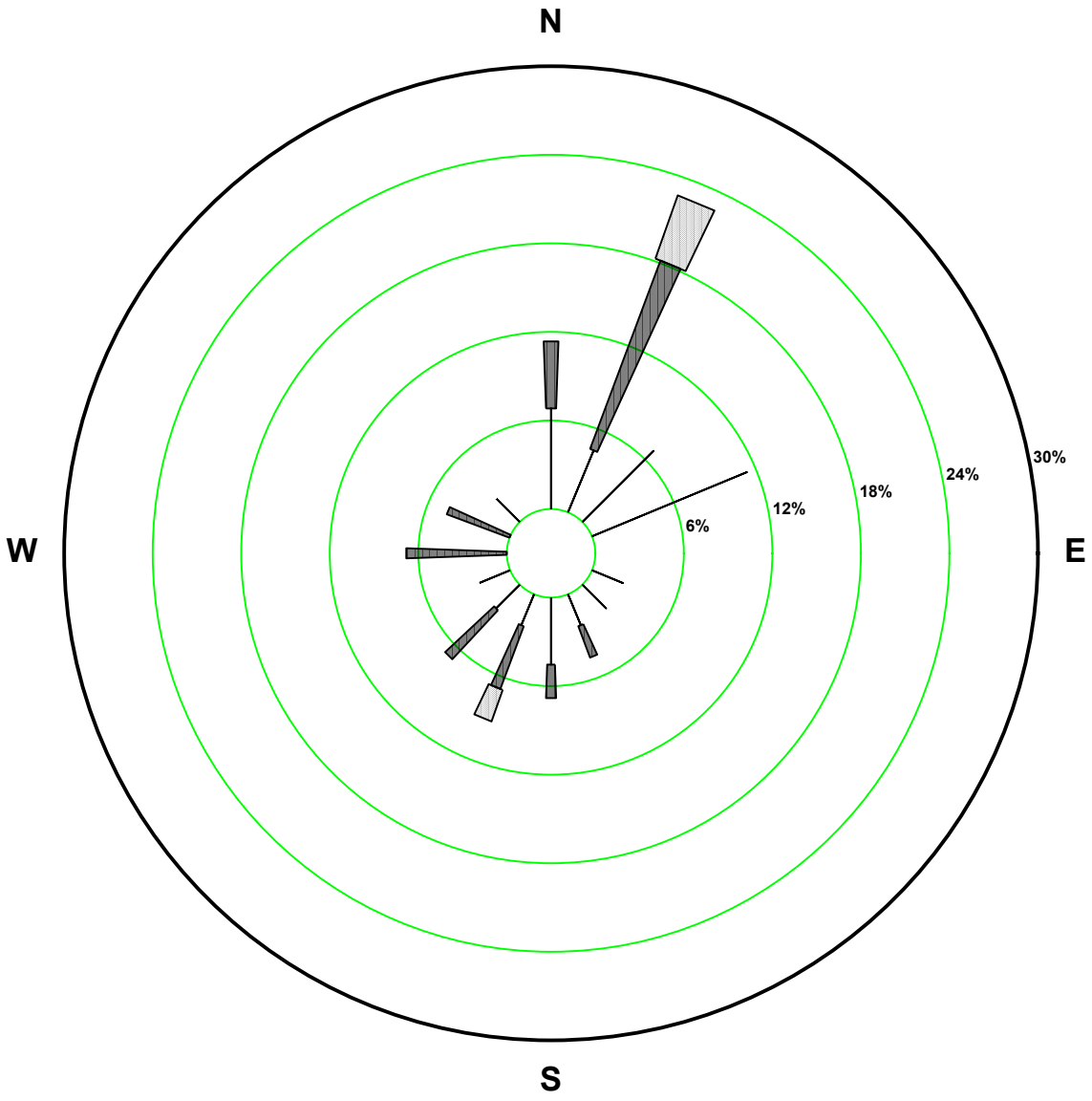


Figure 2.7-36— SSES 10 m June Precipitation Rate Wind Rose



NOTE: Frequencies indicate direction from which the wind is blowing.

Figure 2.7-37— SSES 10 m July Precipitation Rate Wind Rose

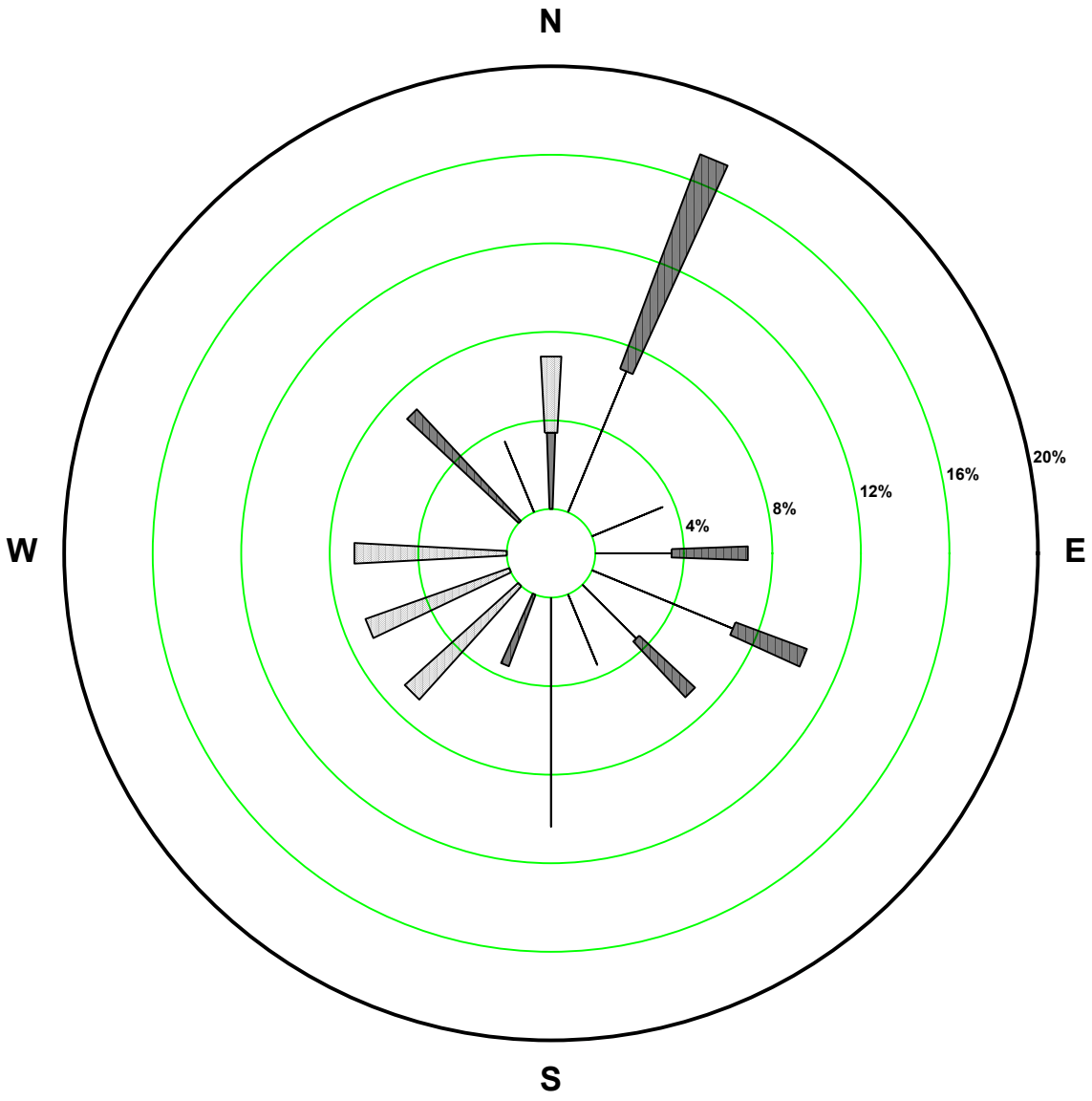


Figure 2.7-38— SSES 10 m August Precipitation Rate Wind Rose

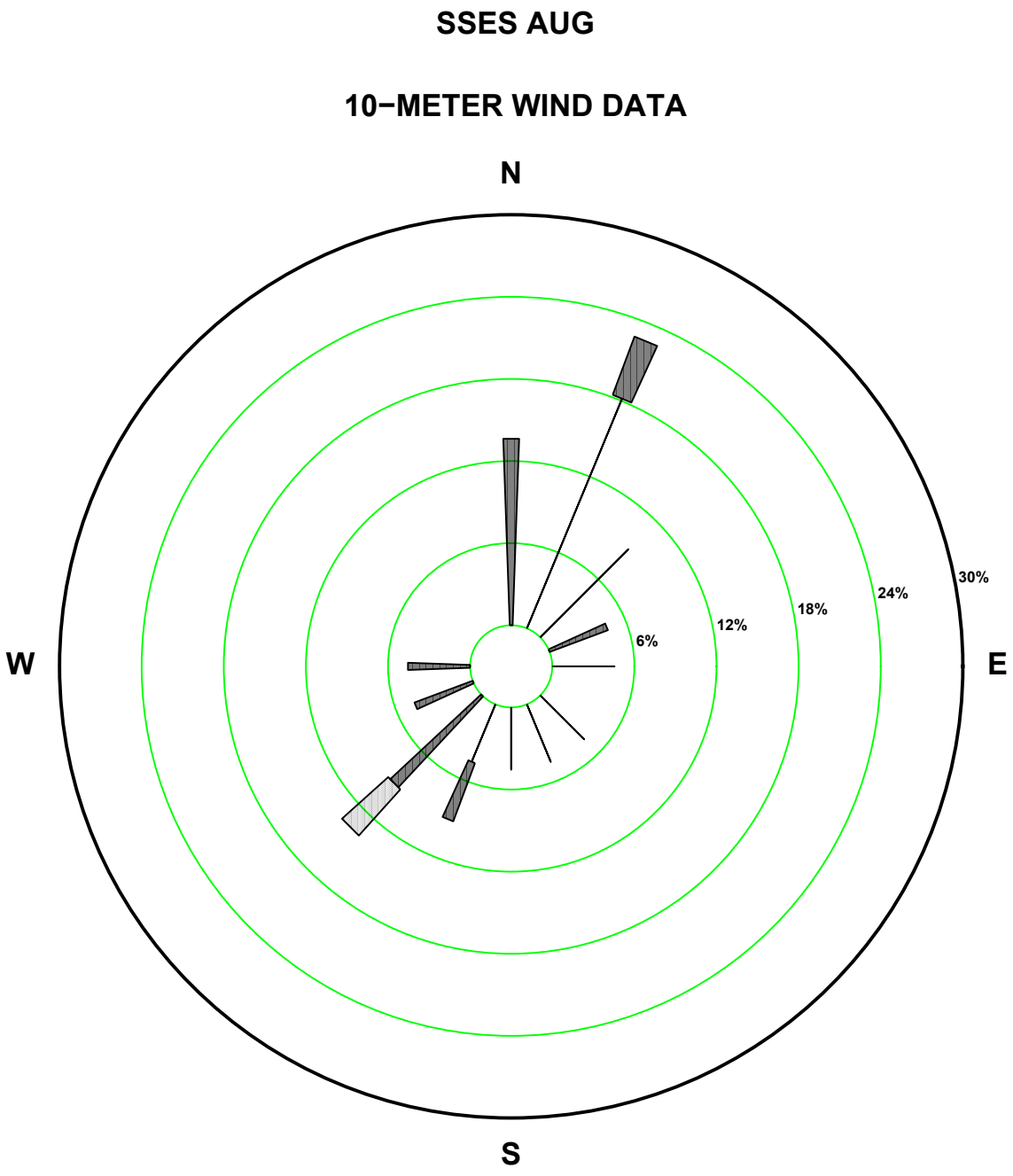
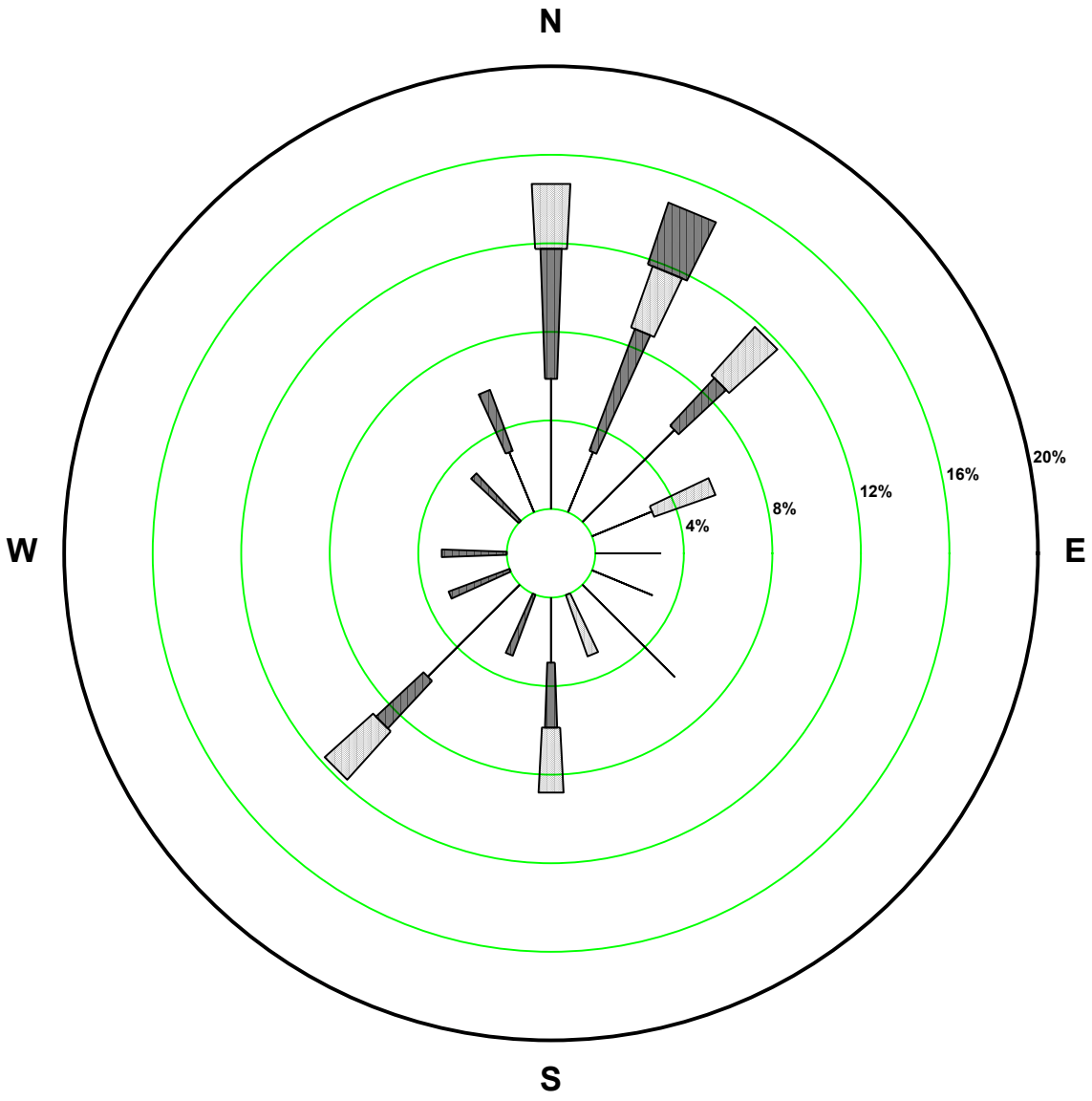


Figure 2.7-39— SSES 10 m September Precipitation Rate Wind Rose



NOTE: Frequencies indicate direction from which the wind is blowing.

Figure 2.7-40— SSES 10 m October Precipitation Rate Wind Rose

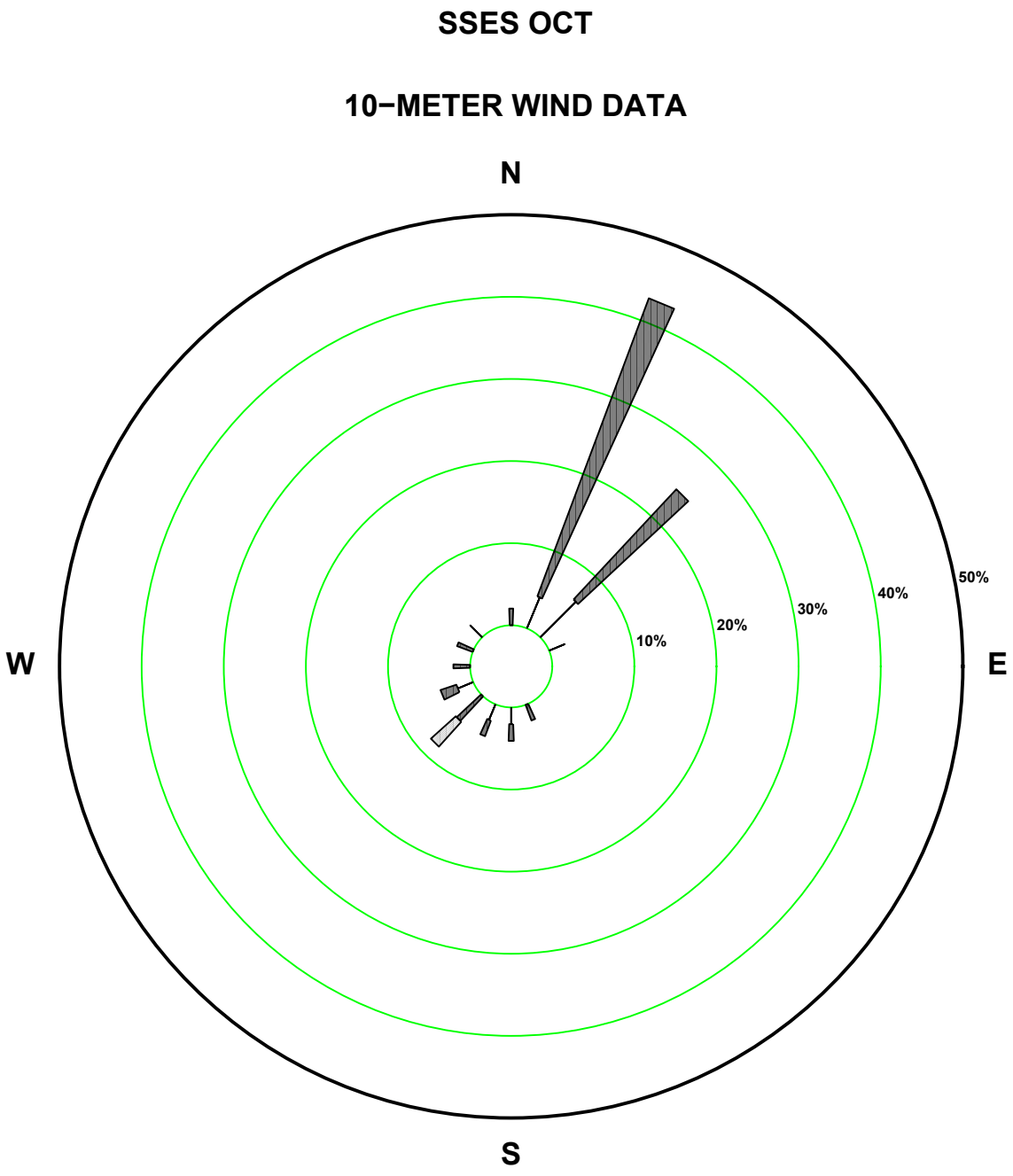


Figure 2.7-41— SSES 10 m November Precipitation Rate Wind Rose

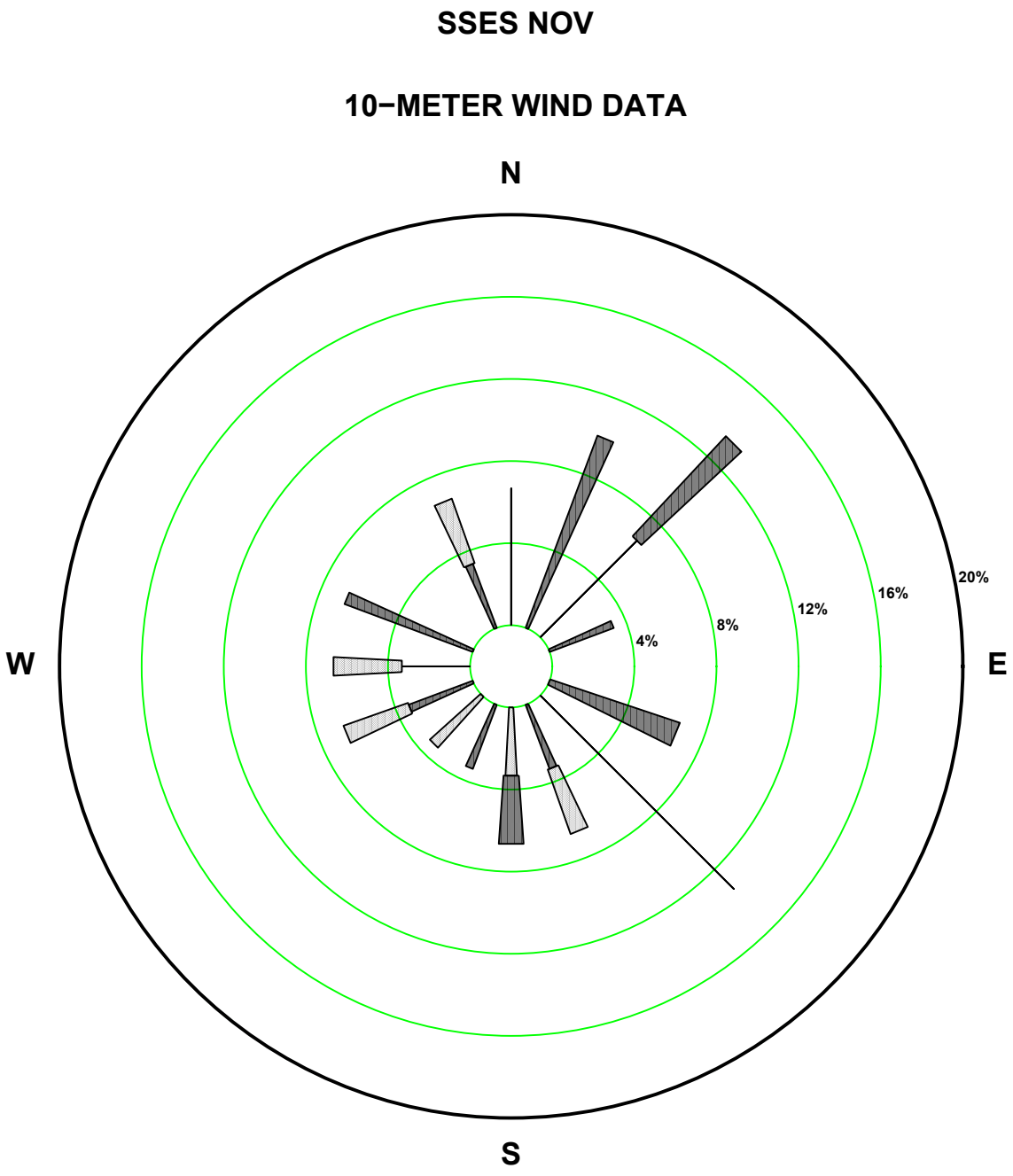


Figure 2.7-42— SSES 10 m December Precipitation Rate Wind Rose

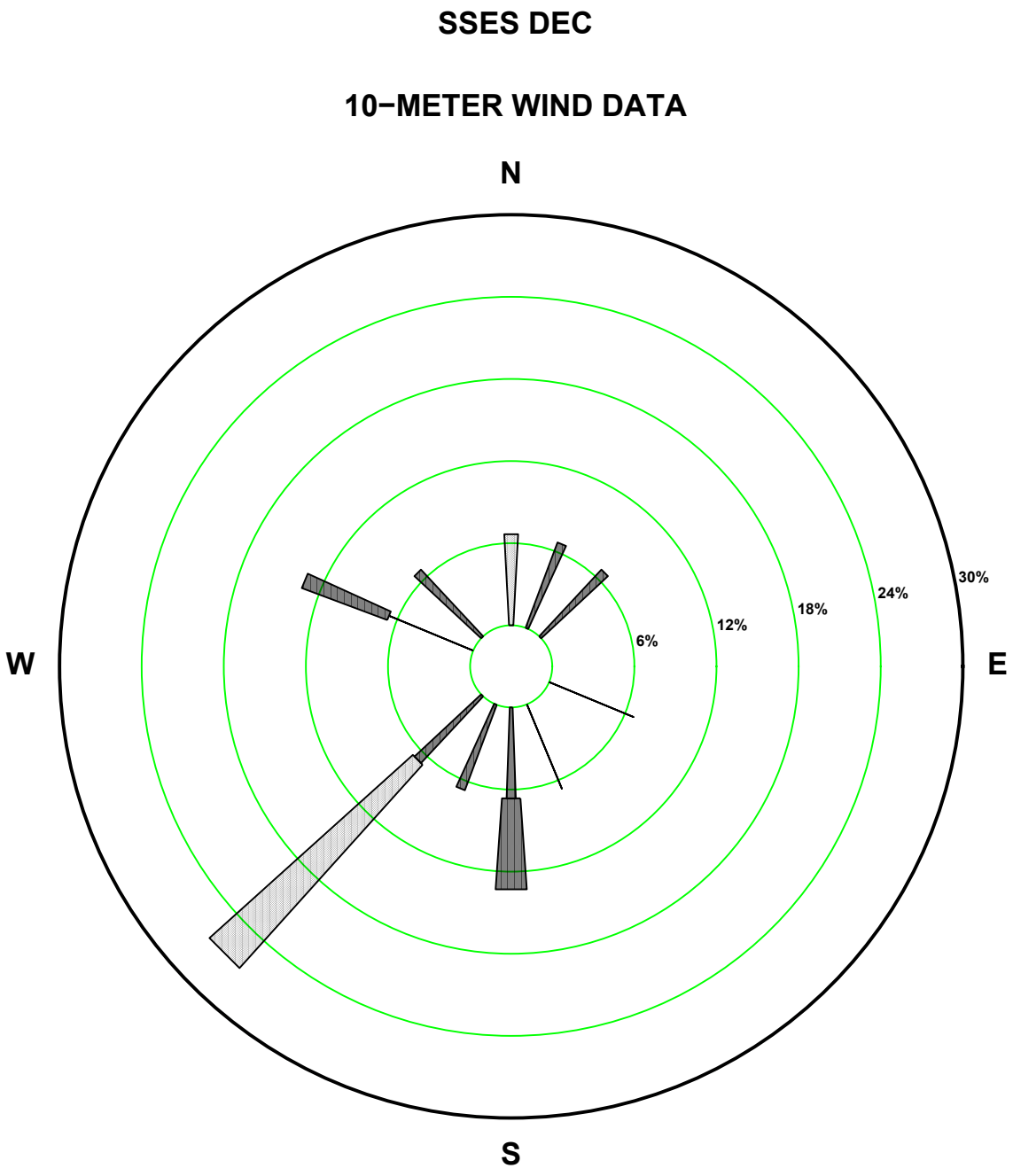


Figure 2.7-43— SSES 60 m January Precipitation Rate Wind Rose

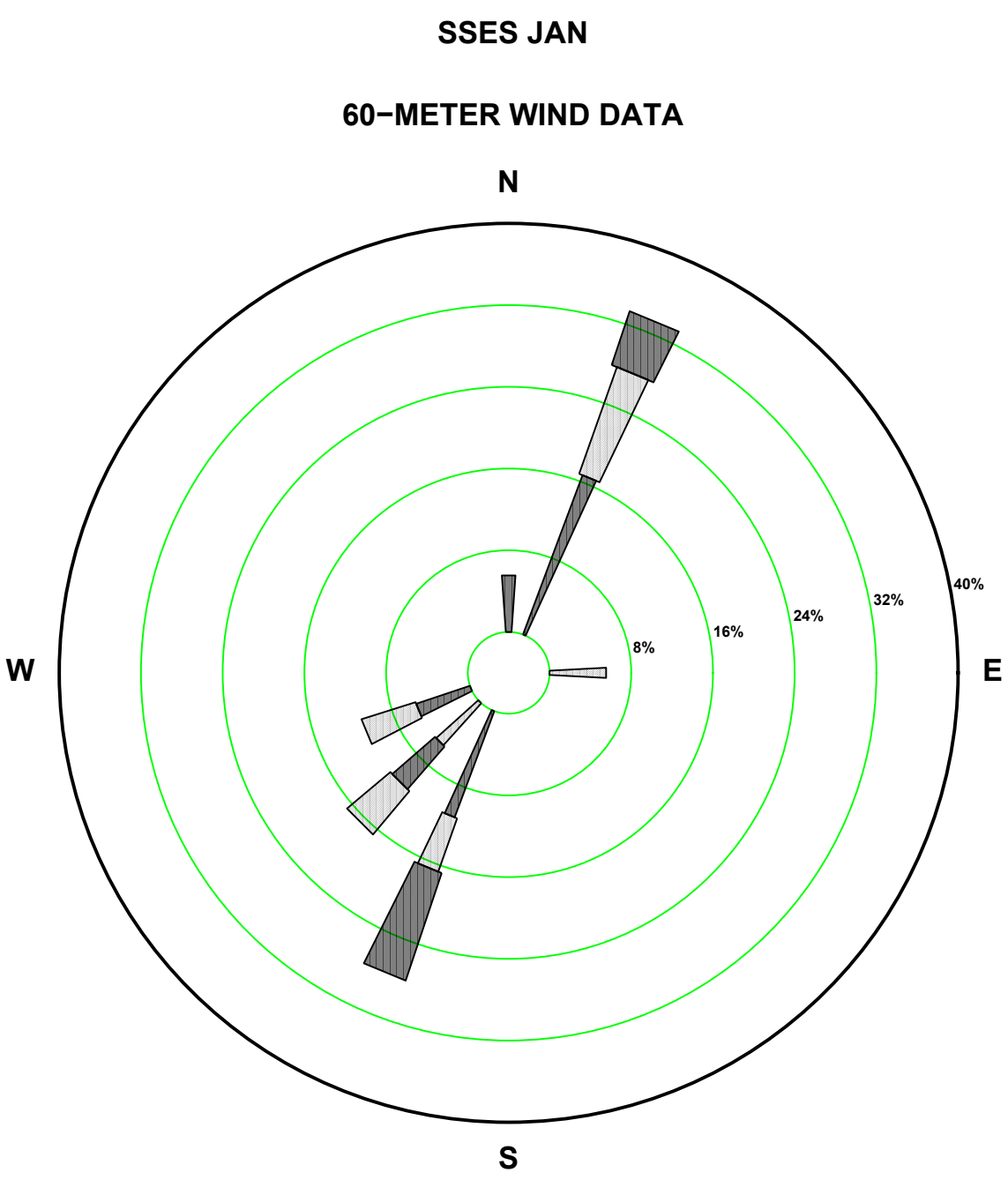


Figure 2.7-44— SSES 60 m February Precipitation Rate Wind Rose

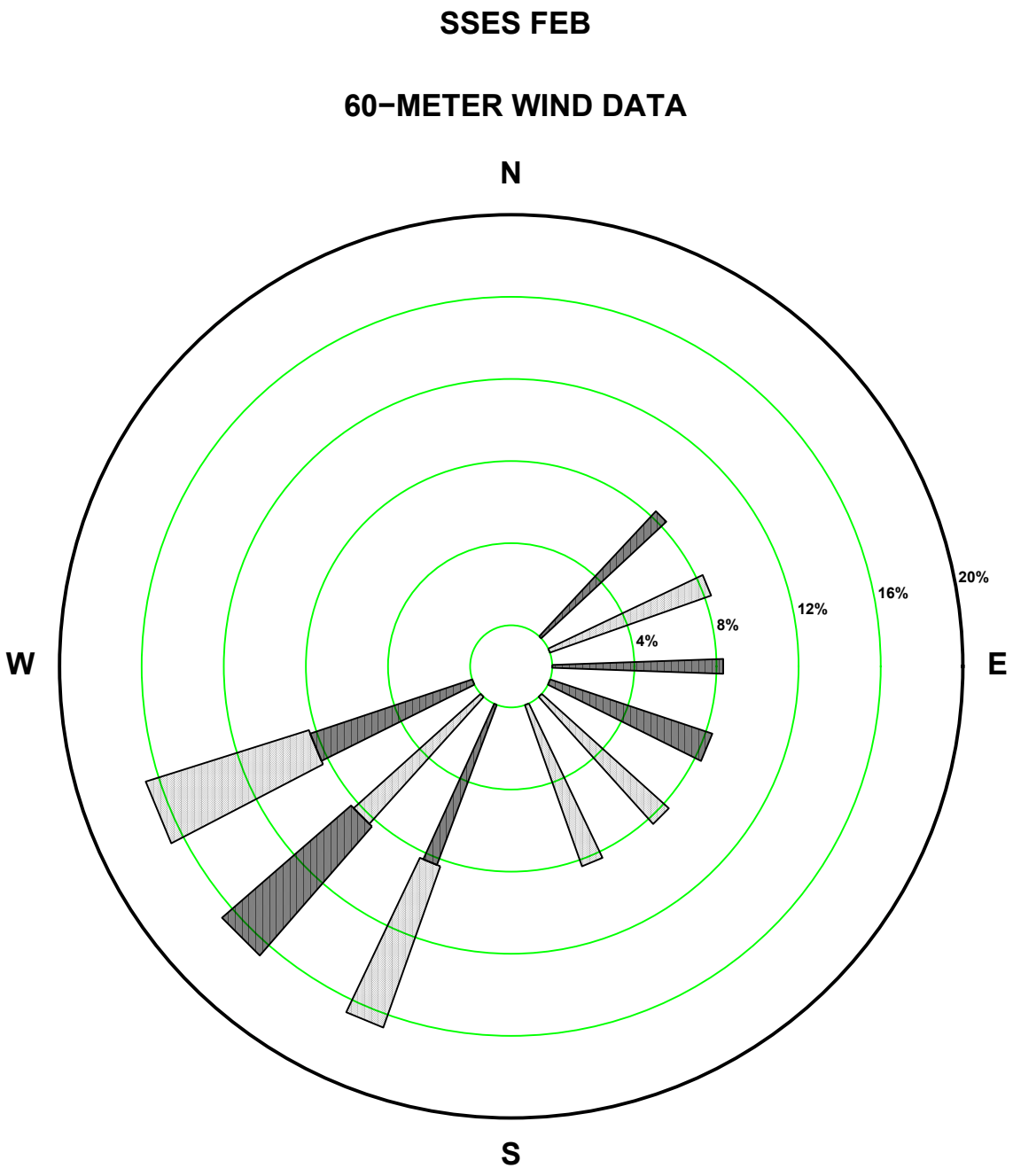


Figure 2.7-45— SSES 60 m March Precipitation Rate Wind Rose

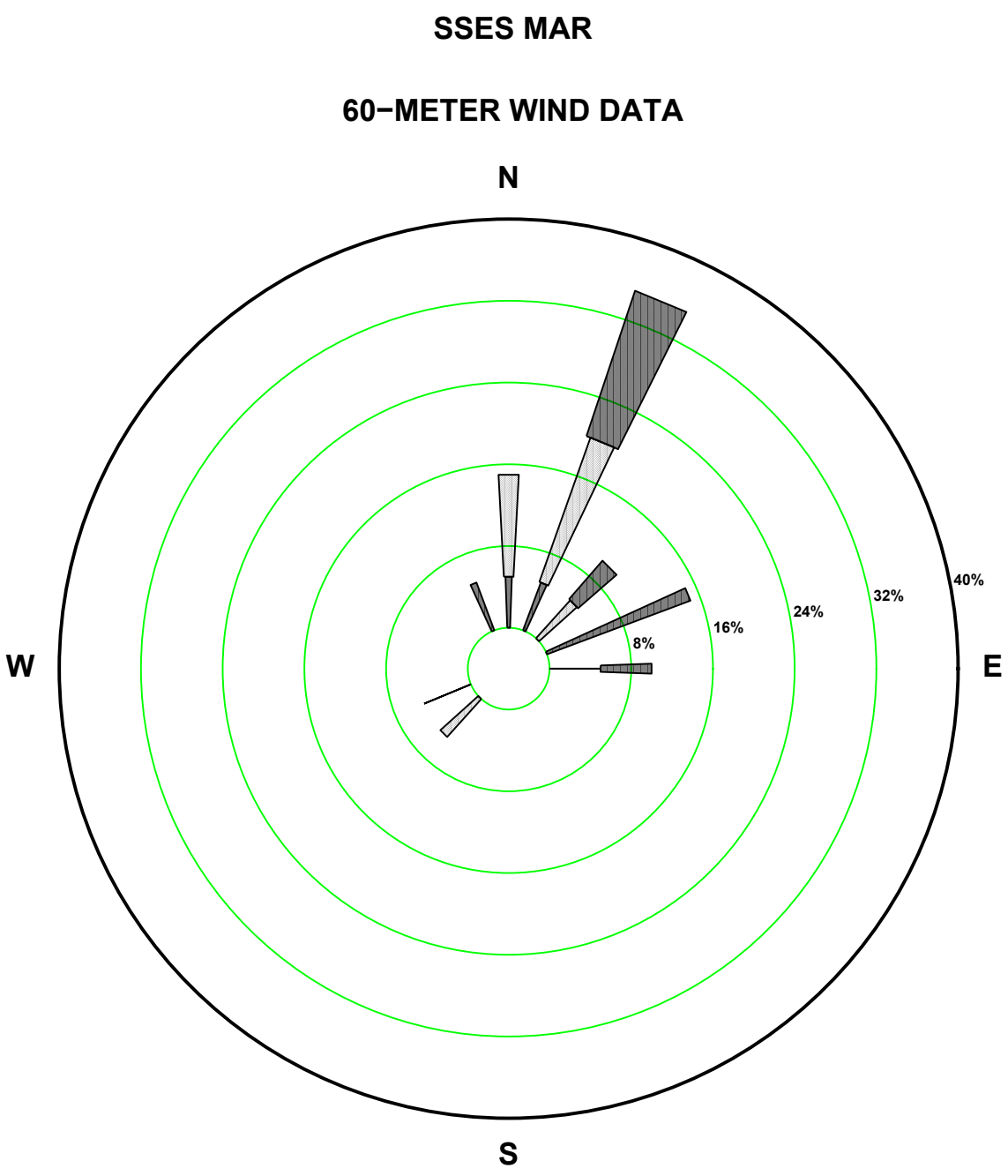


Figure 2.7-46— SSES 60 m April Precipitation Rate Wind Rose

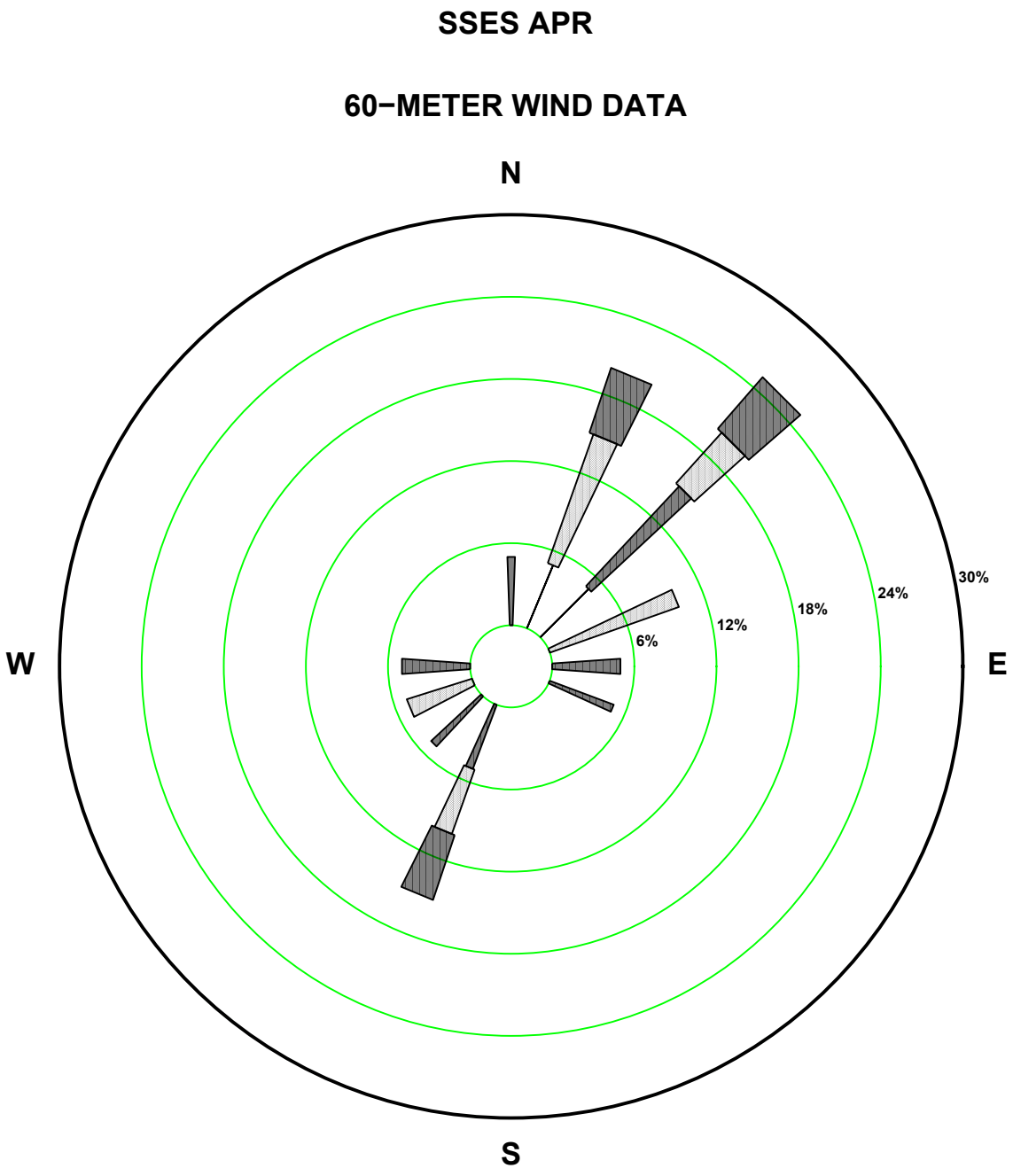


Figure 2.7-47— SSES 60 m May Precipitation Rate Wind Rose

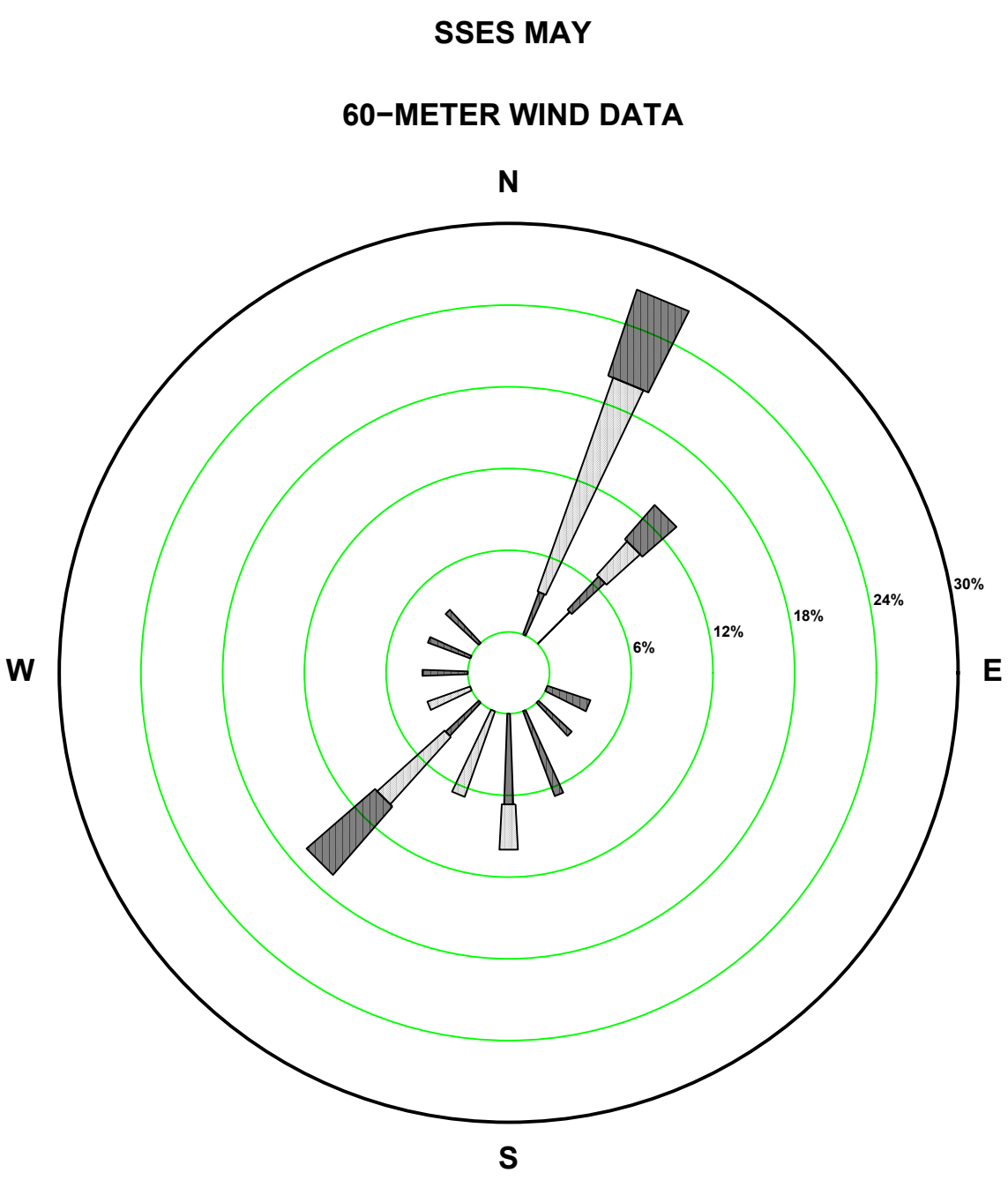


Figure 2.7-48— SSES 60 m June Precipitation Rate Wind Rose

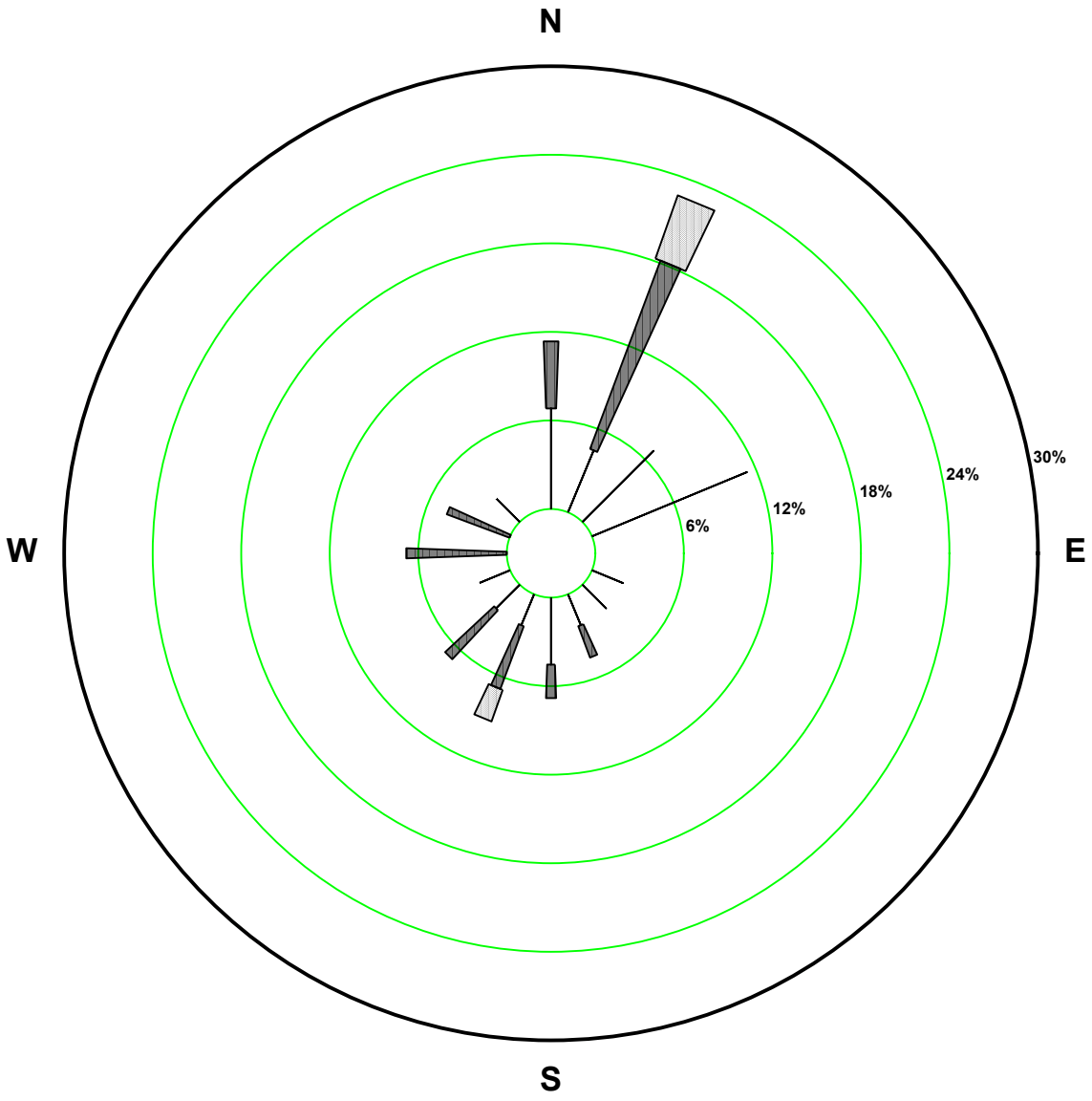


Figure 2.7-49— SSES 60 m July Precipitation Rate Wind Rose

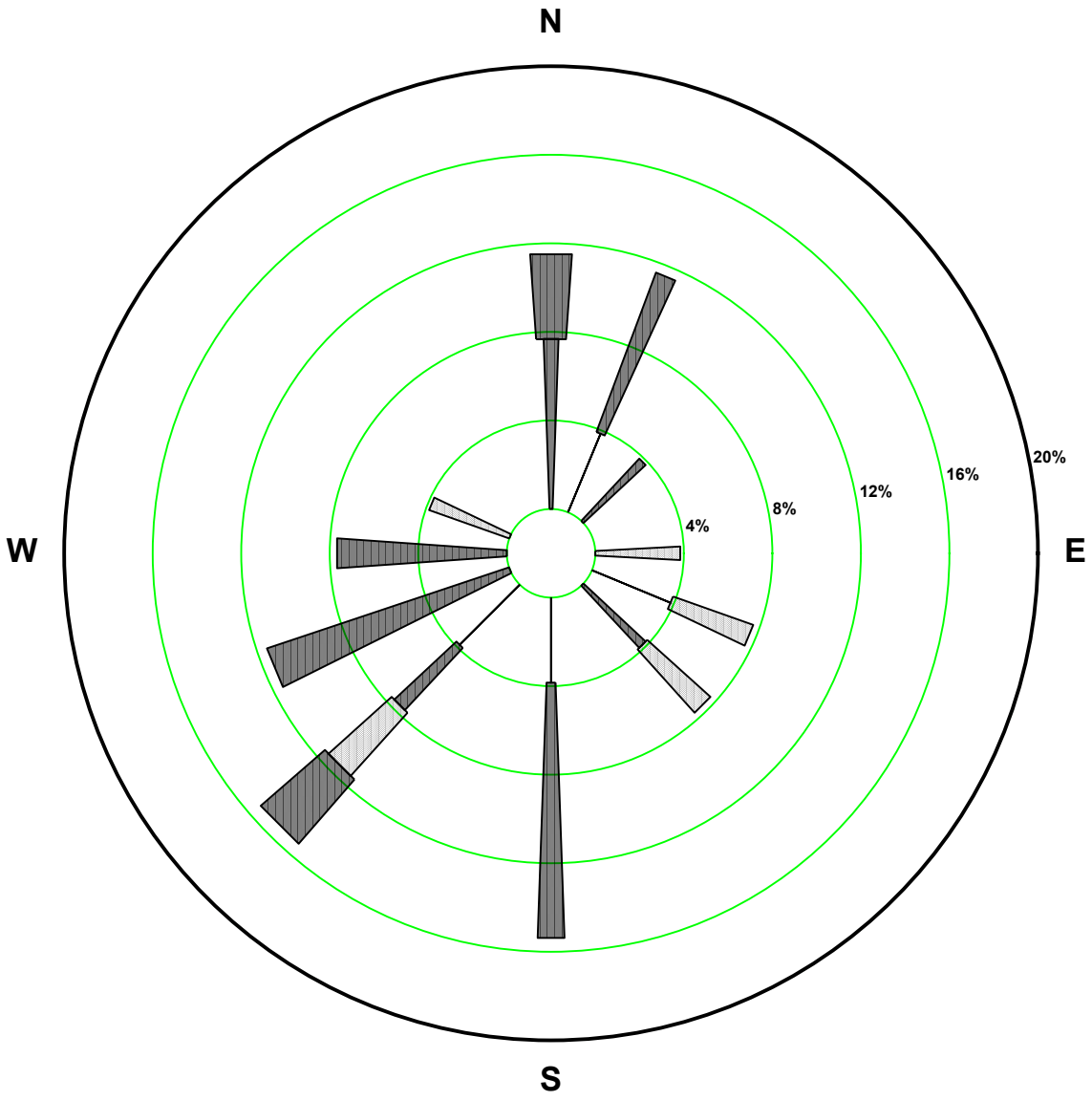


Figure 2.7-50— SSES 60 m August Precipitation Rate Wind Rose

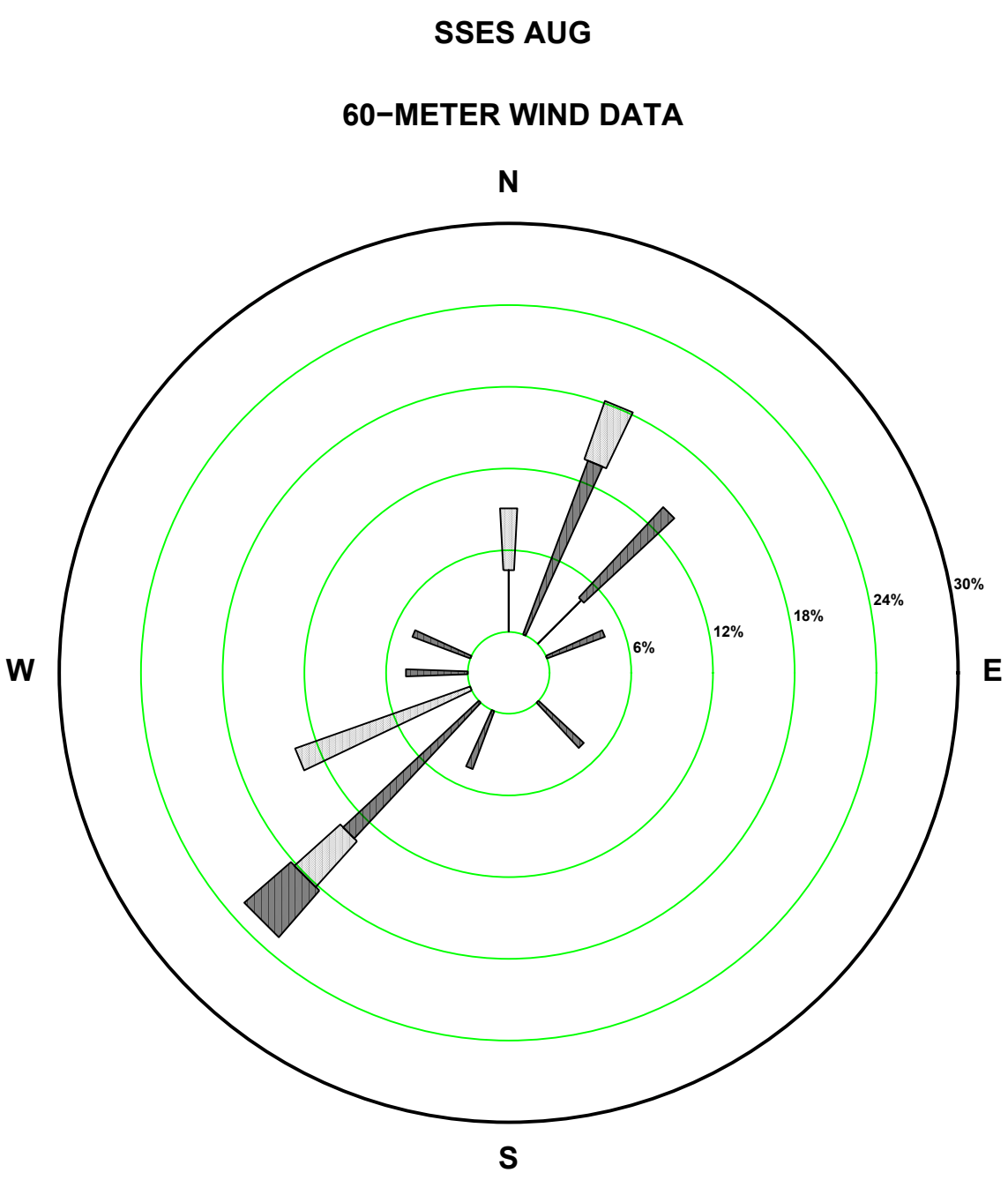


Figure 2.7-51— SSES 60 m September Precipitation Rate Wind Rose

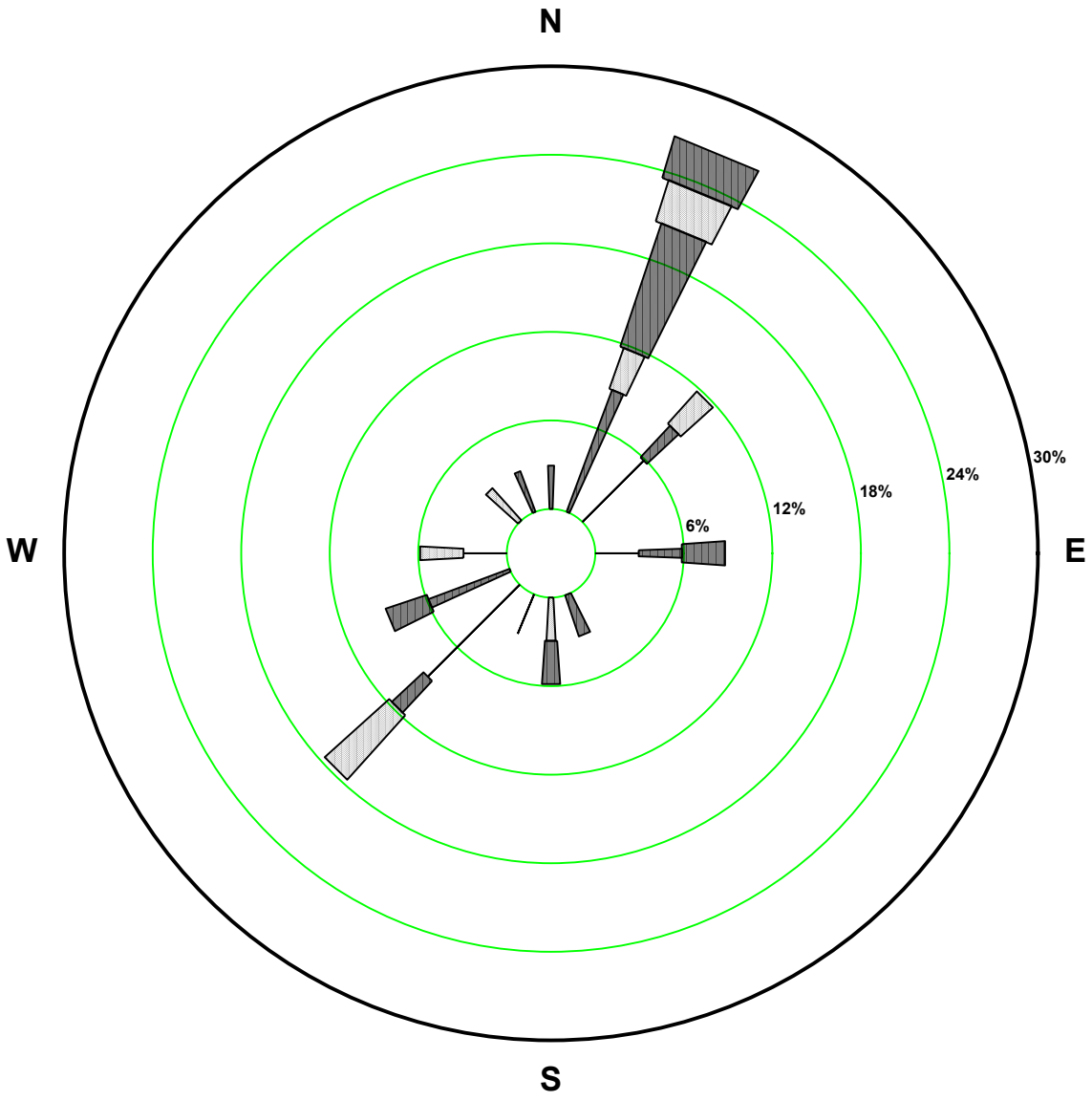
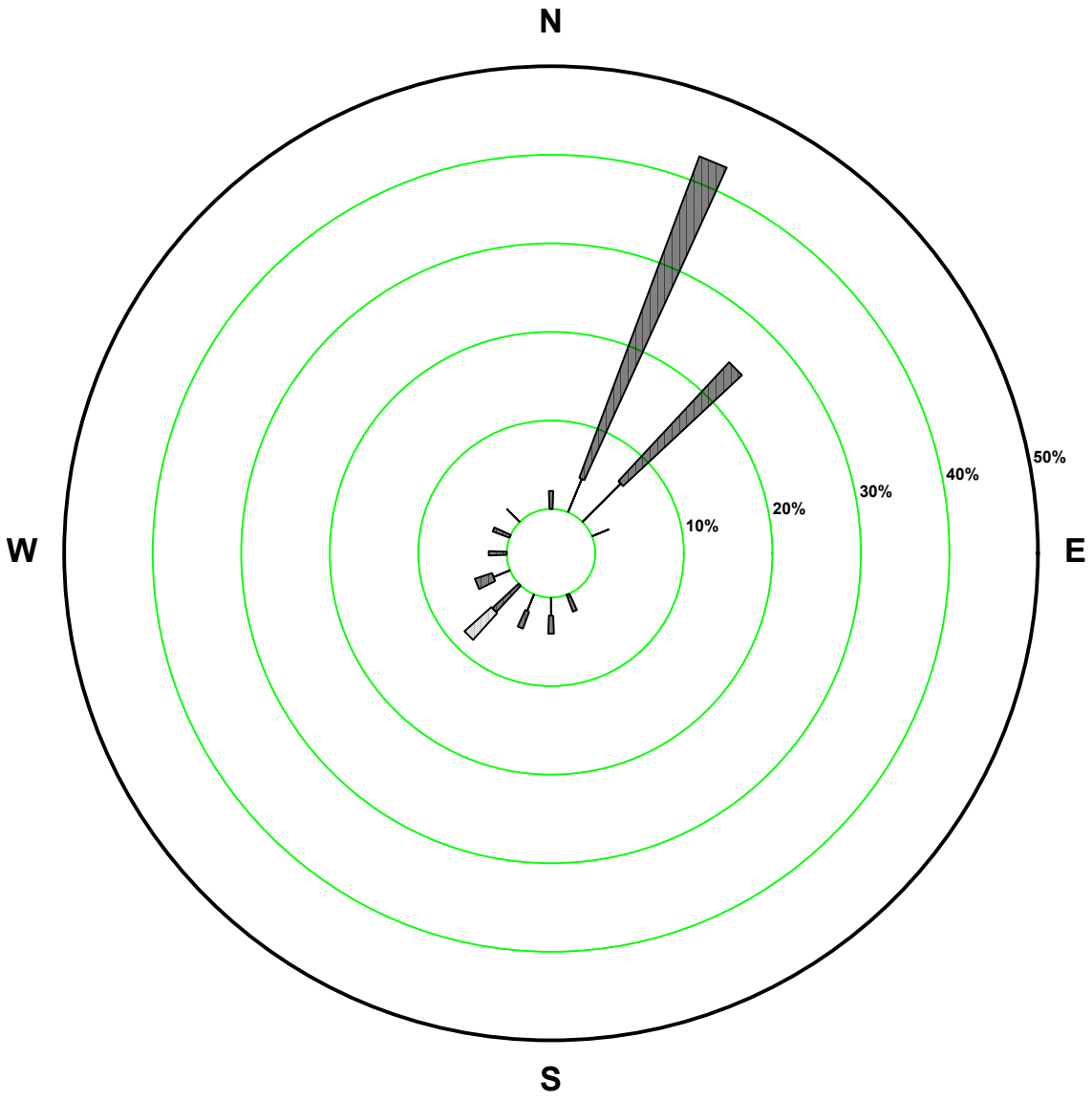


Figure 2.7-52— SSES 60 m October Precipitation Rate Wind Rose



NOTE: Frequencies indicate direction from which the wind is blowing.

Figure 2.7-53— SSES 60 m November Precipitation Rate Wind Rose

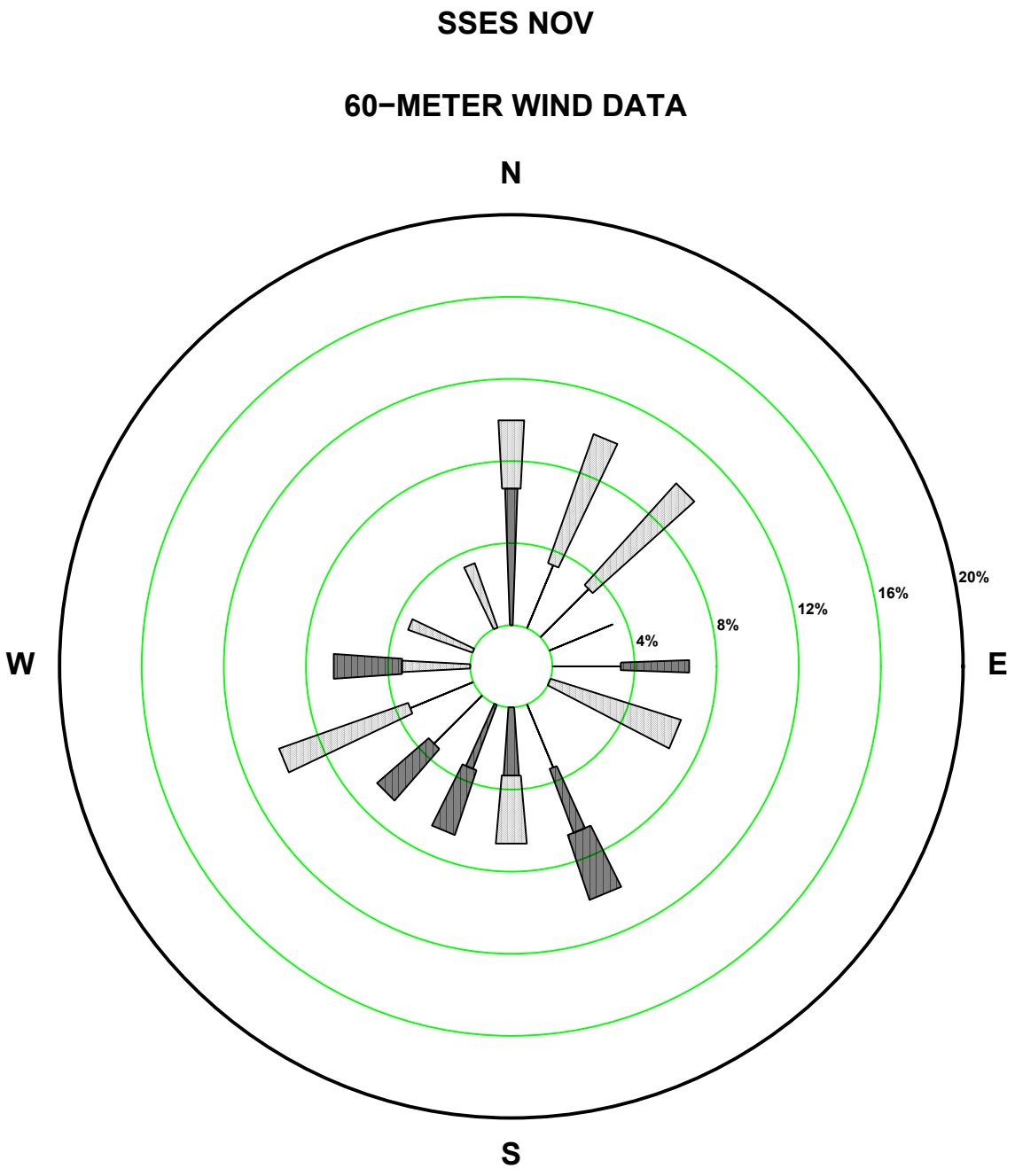
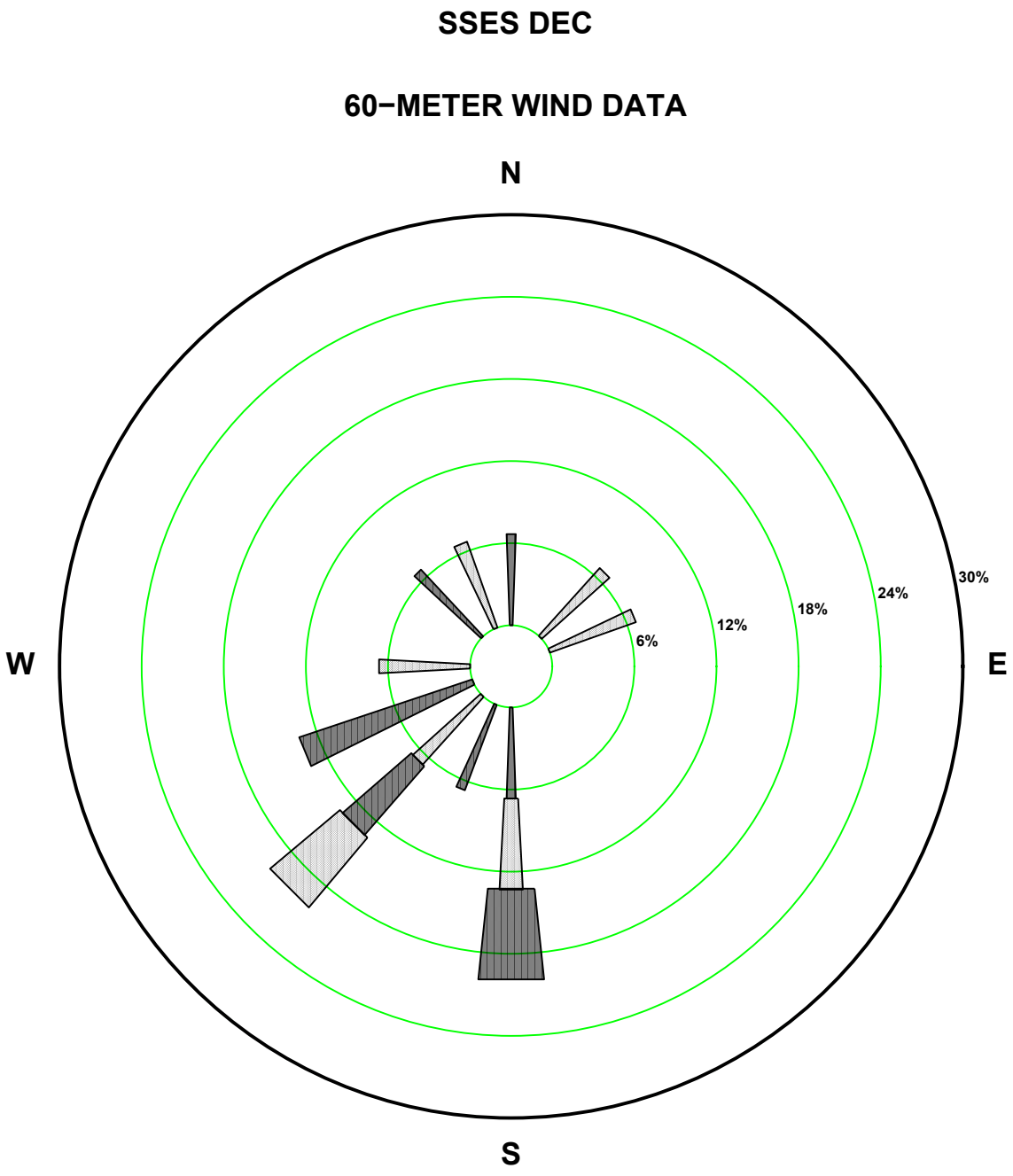


Figure 2.7-54— SSES 60 m December Precipitation Rate Wind Rose



NOTE: Frequencies indicate direction from which the wind is blowing.

Figure 2.7-55— SSES 10m Annual Wind Rose

Figure 2.7-56— SSES 10m Winter Wind Rose

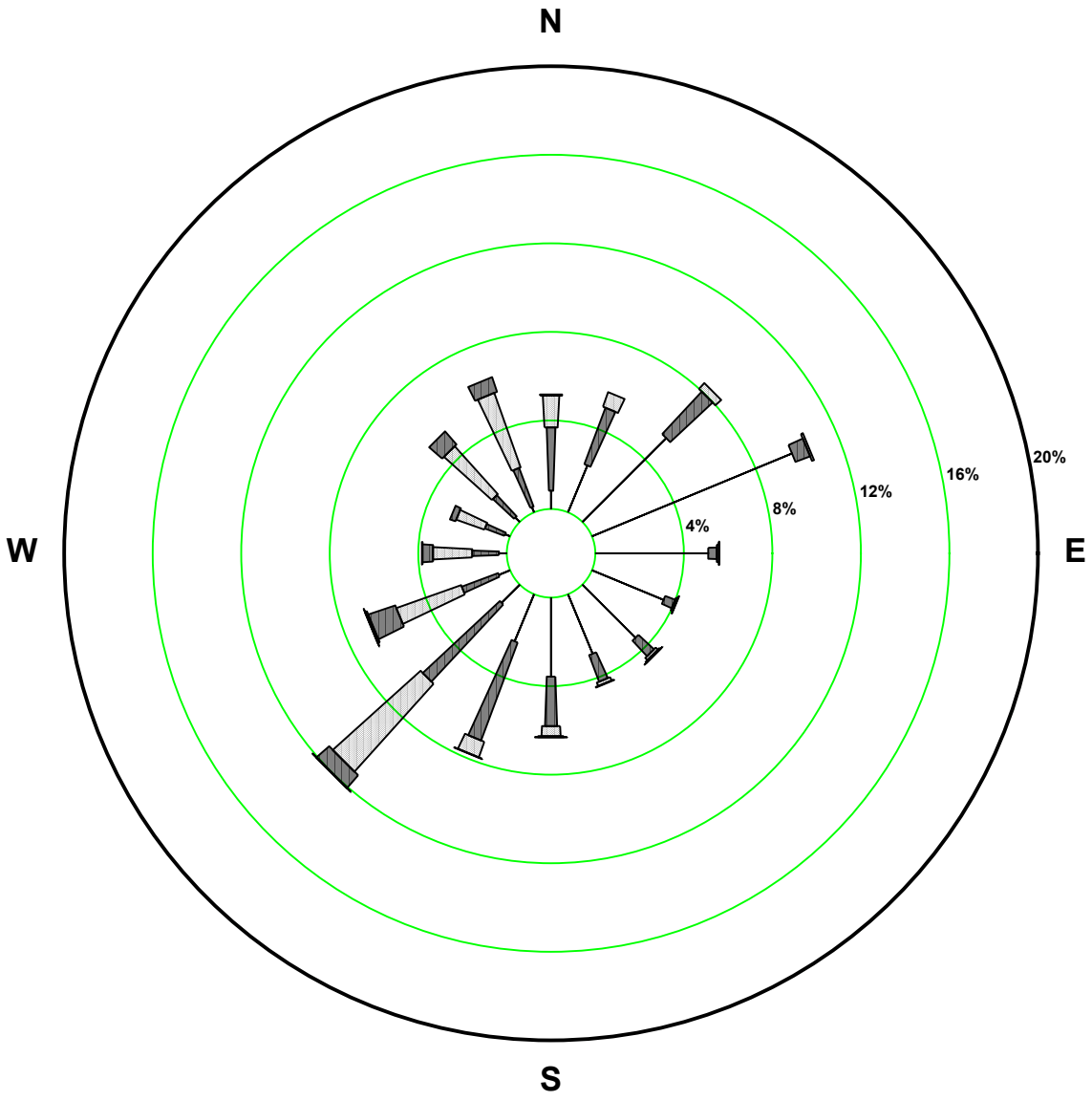


Figure 2.7-57— SSES 10m Spring Wind Rose

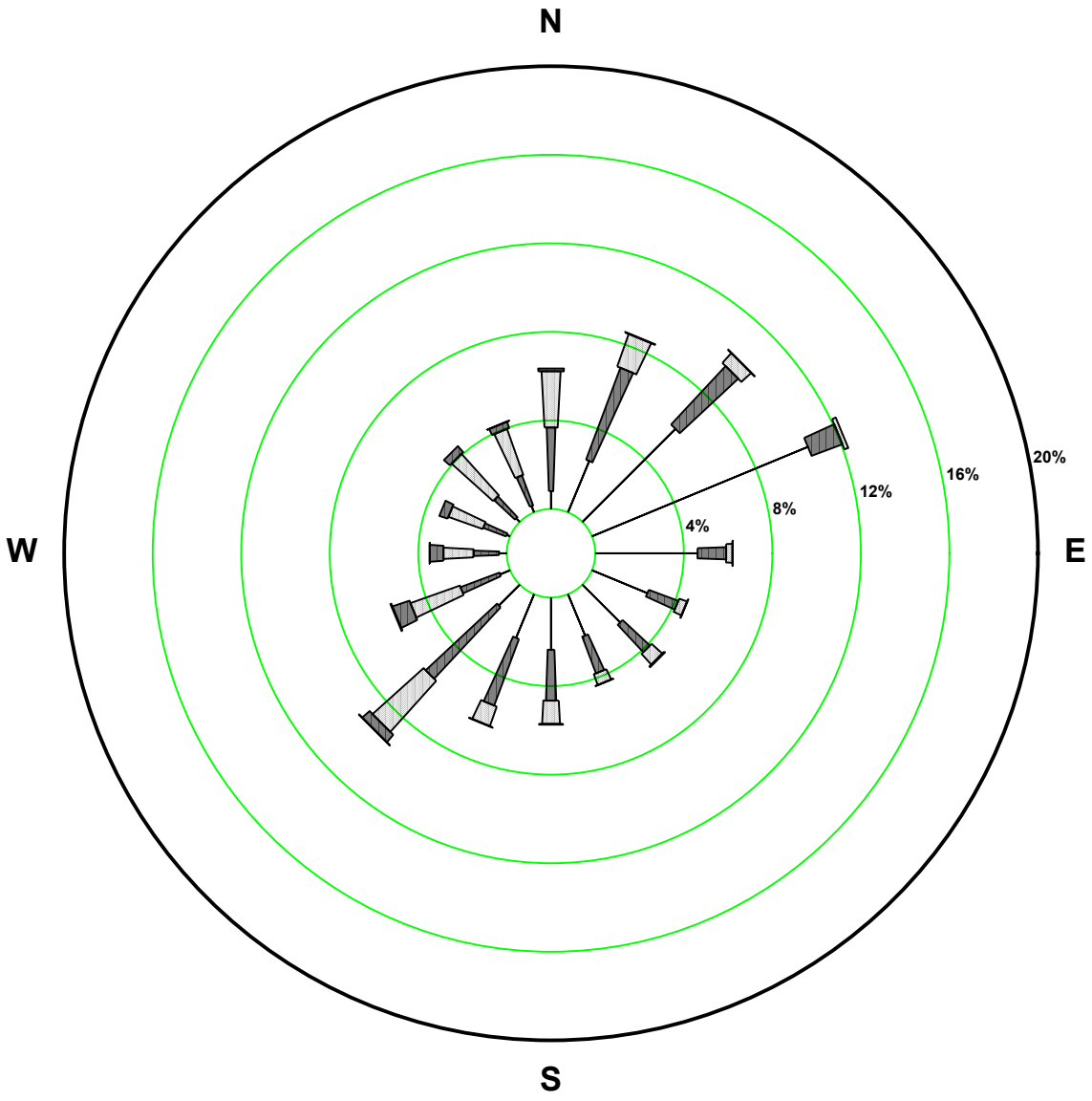


Figure 2.7-58— SSES 10m Summer Wind Rose

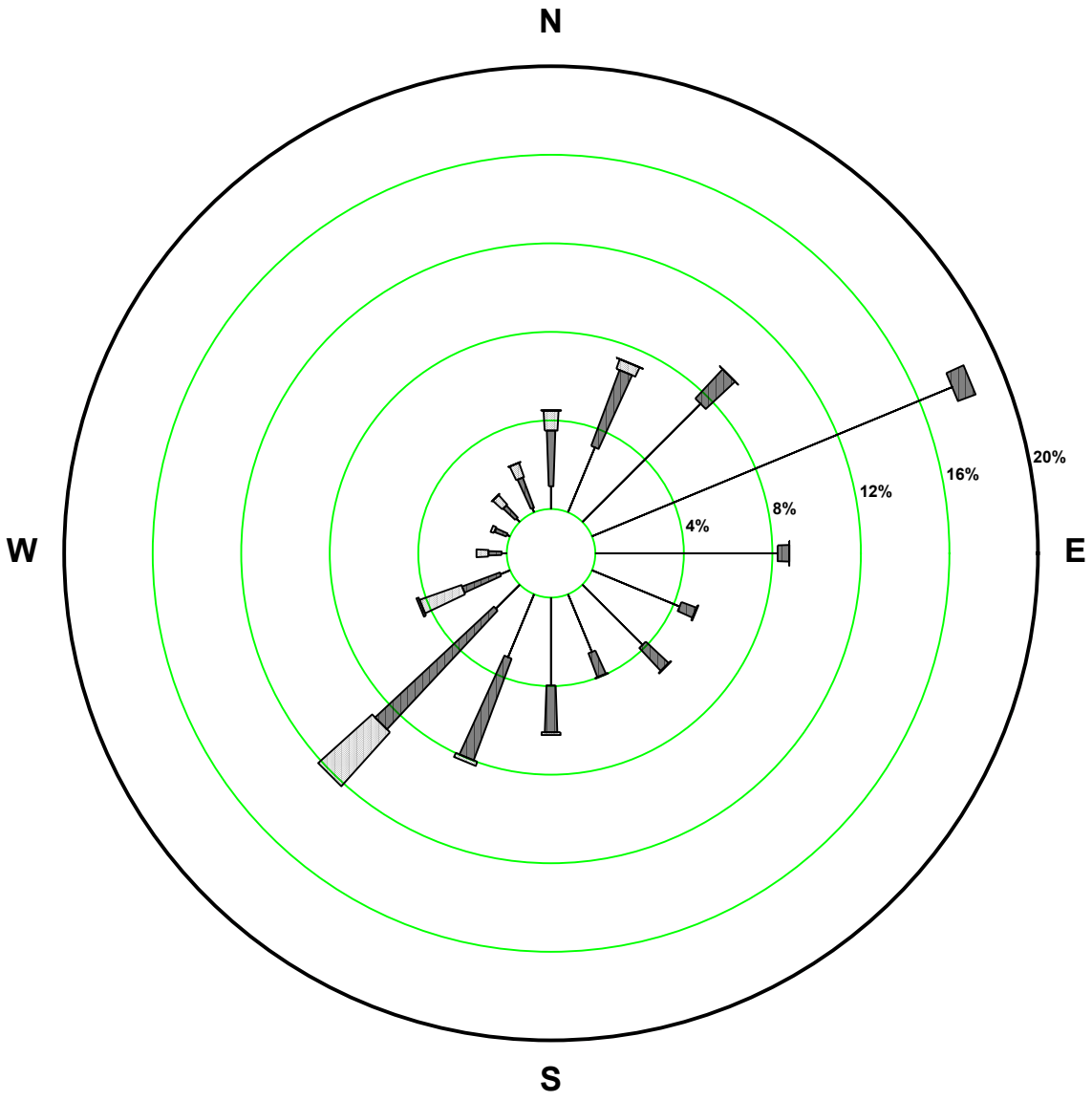


Figure 2.7-59— SSES 10m Fall Wind Rose

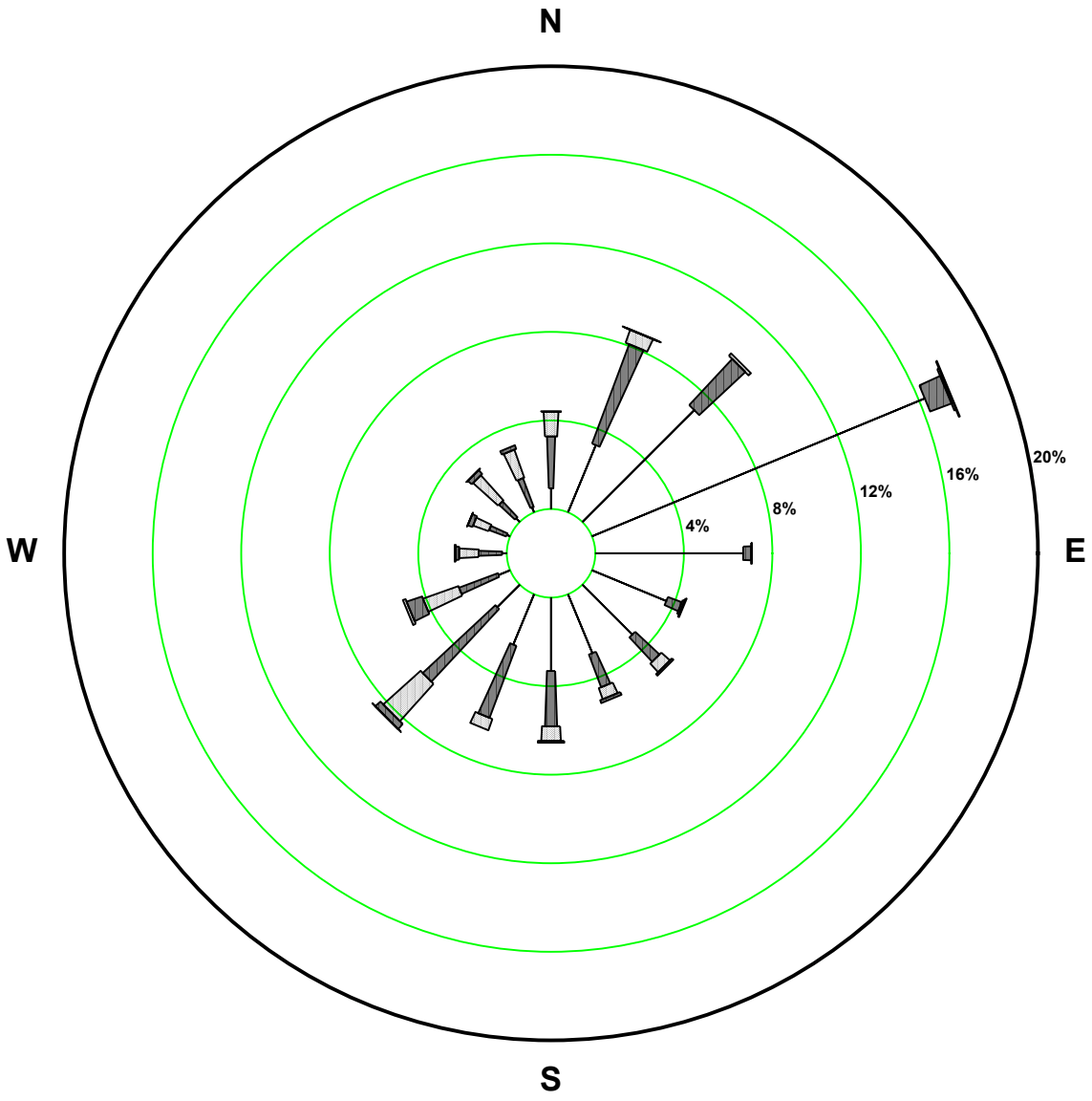


Figure 2.7-60— SSES 10m January Wind Rose

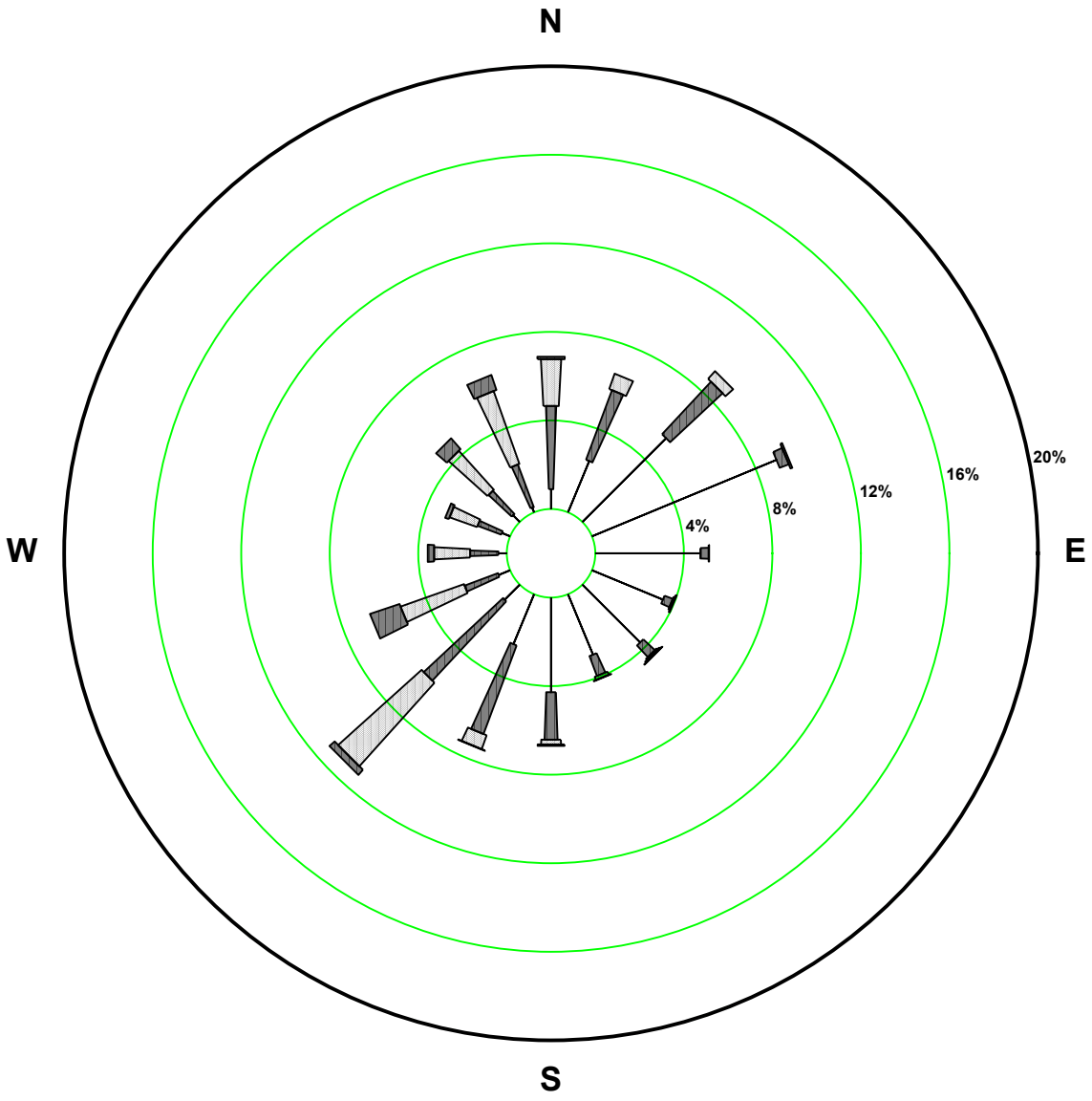


Figure 2.7-61— SSES 10m February Wind Rose

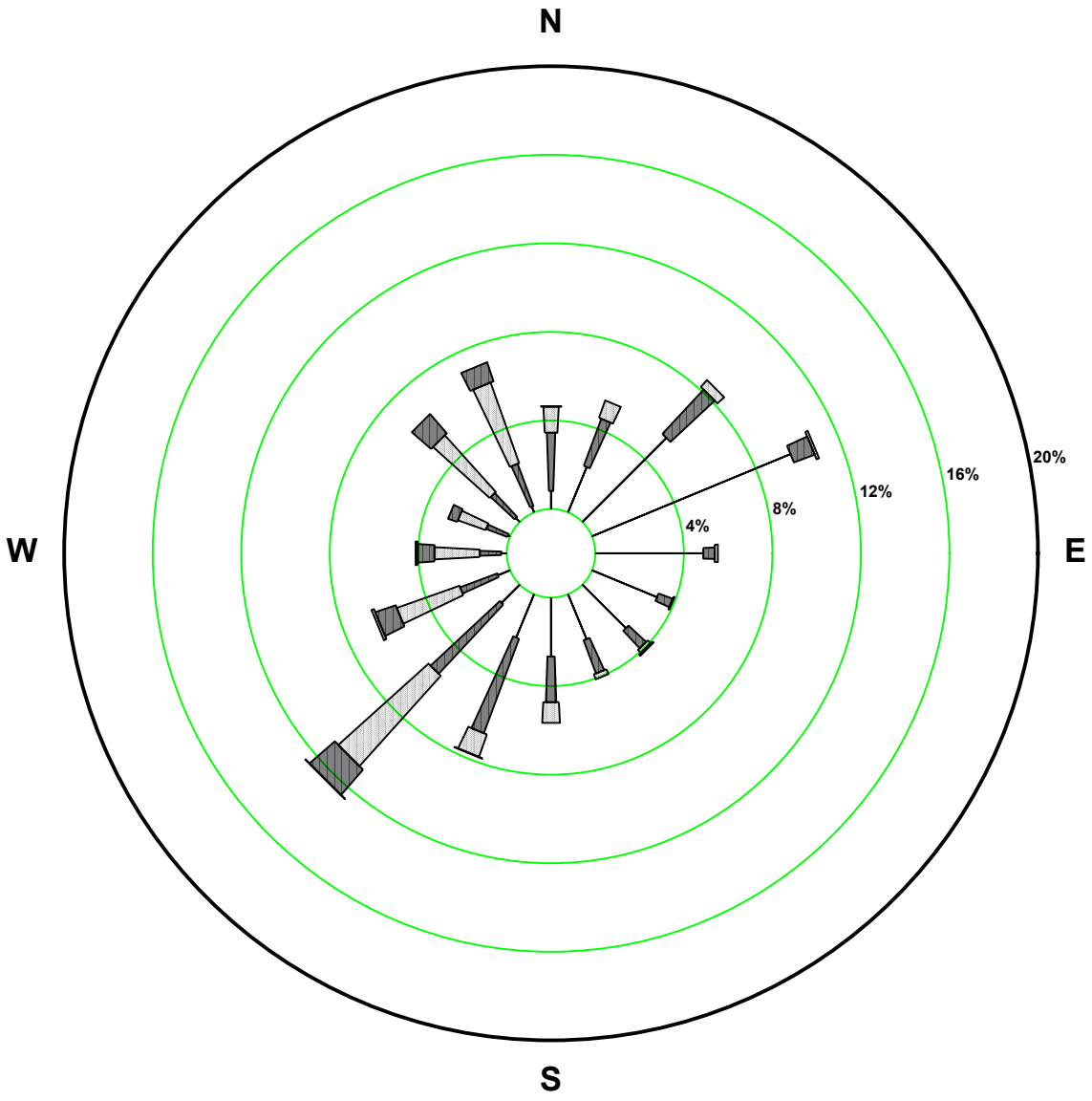


Figure 2.7-62— SSES 10m March Wind Rose

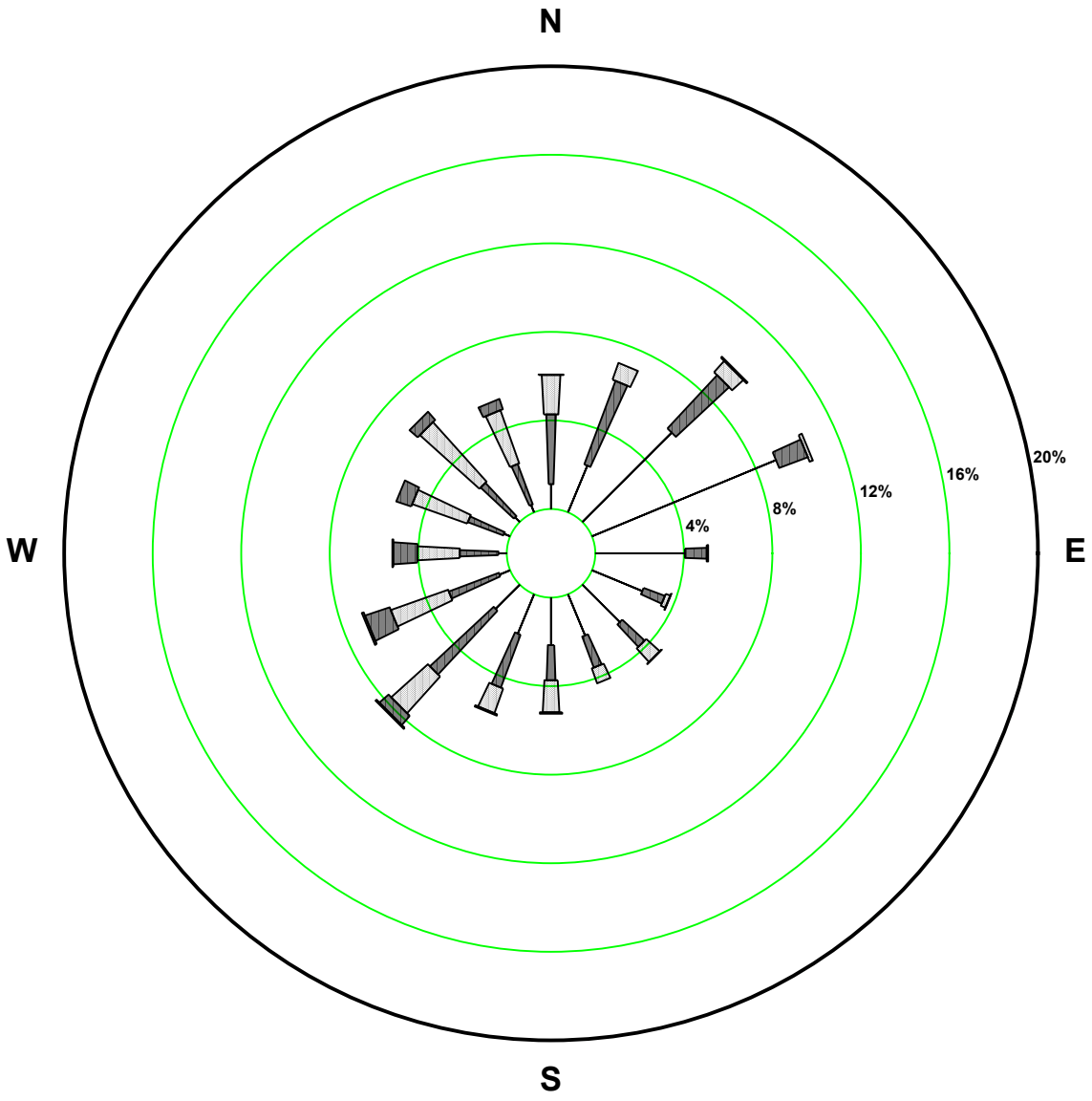


Figure 2.7-63— SSES 10m April Wind Rose

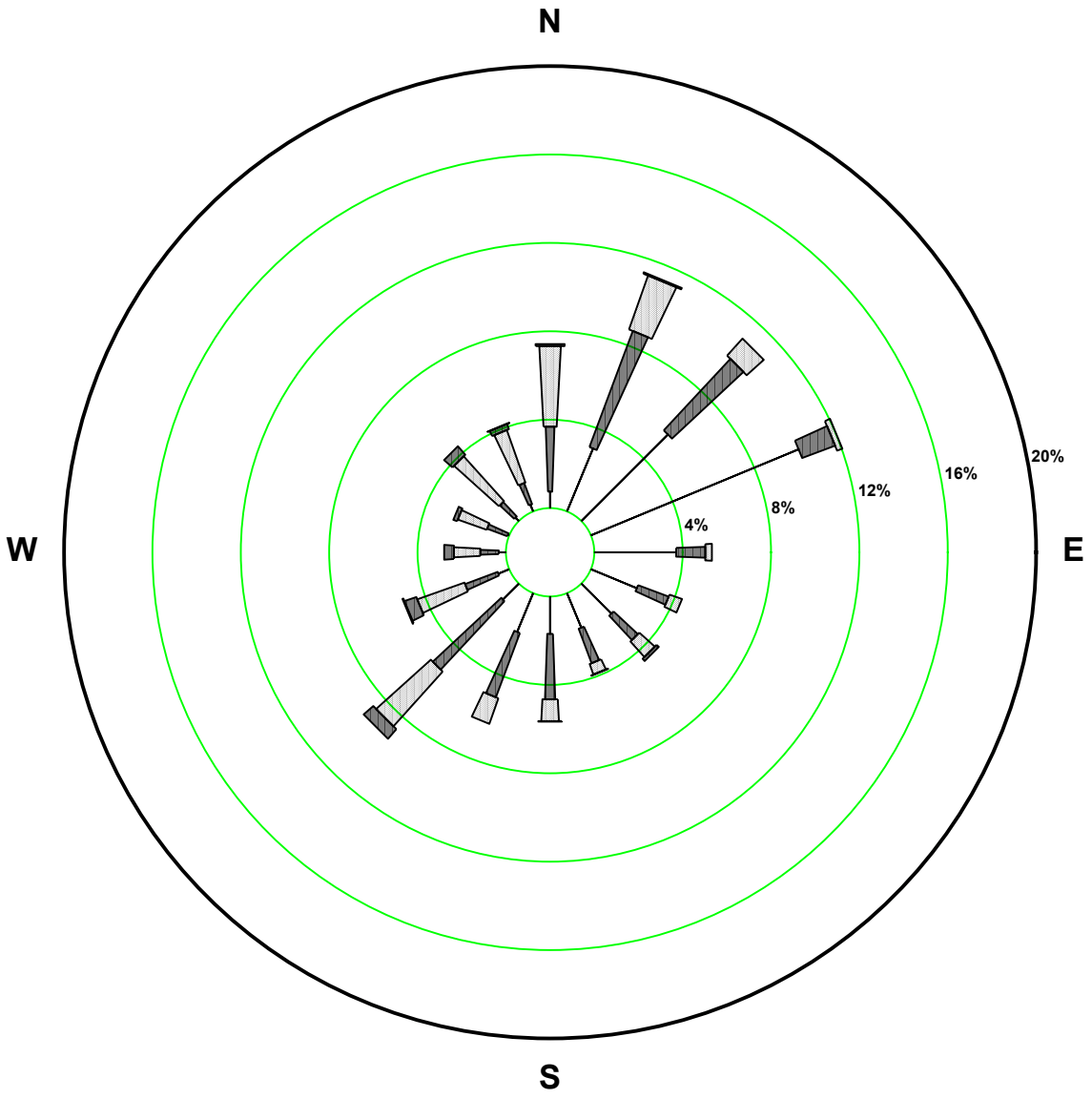


Figure 2.7-64— SSES 10m May Wind Rose

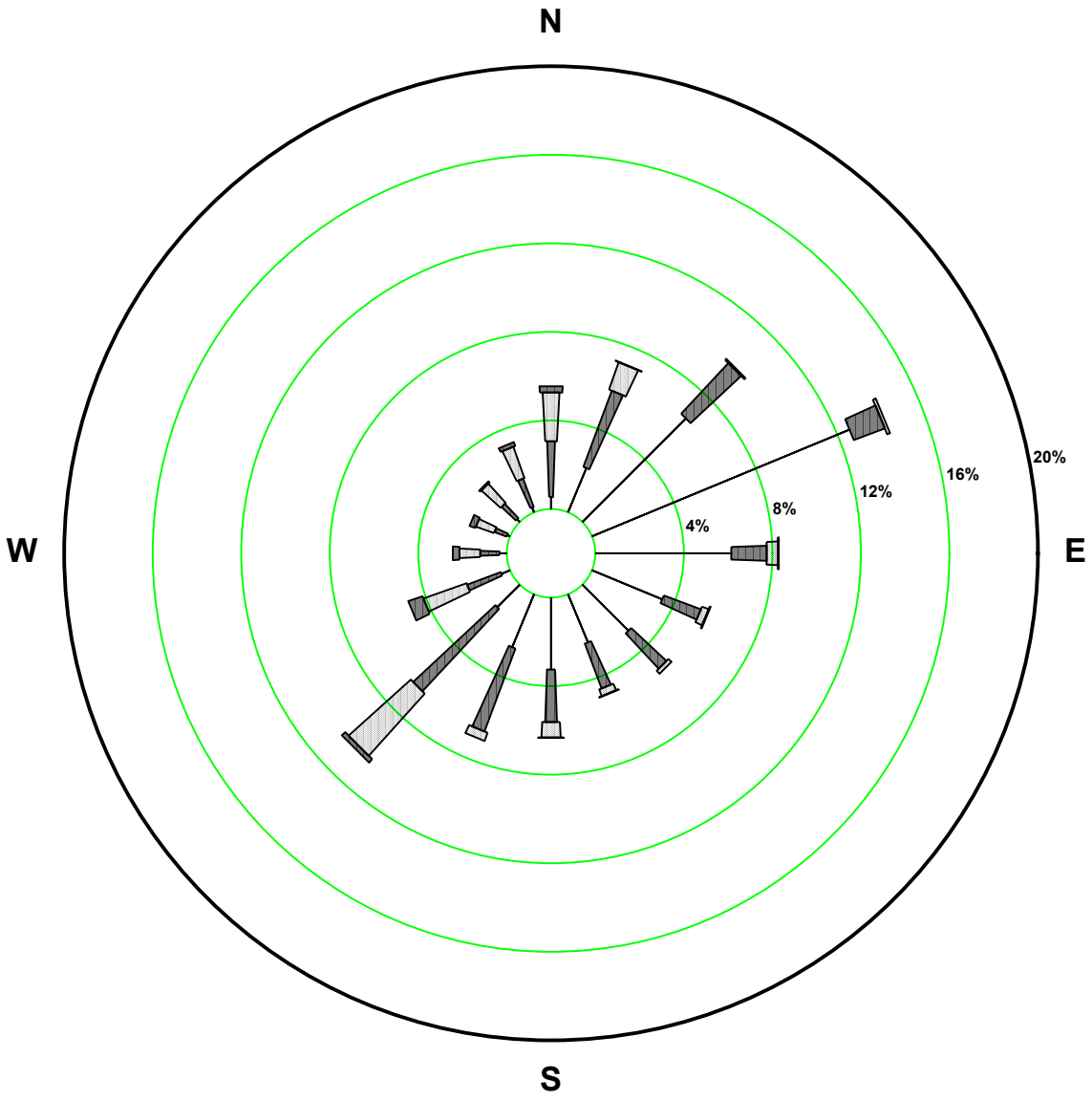


Figure 2.7-65— SSES 10m June Wind Rose

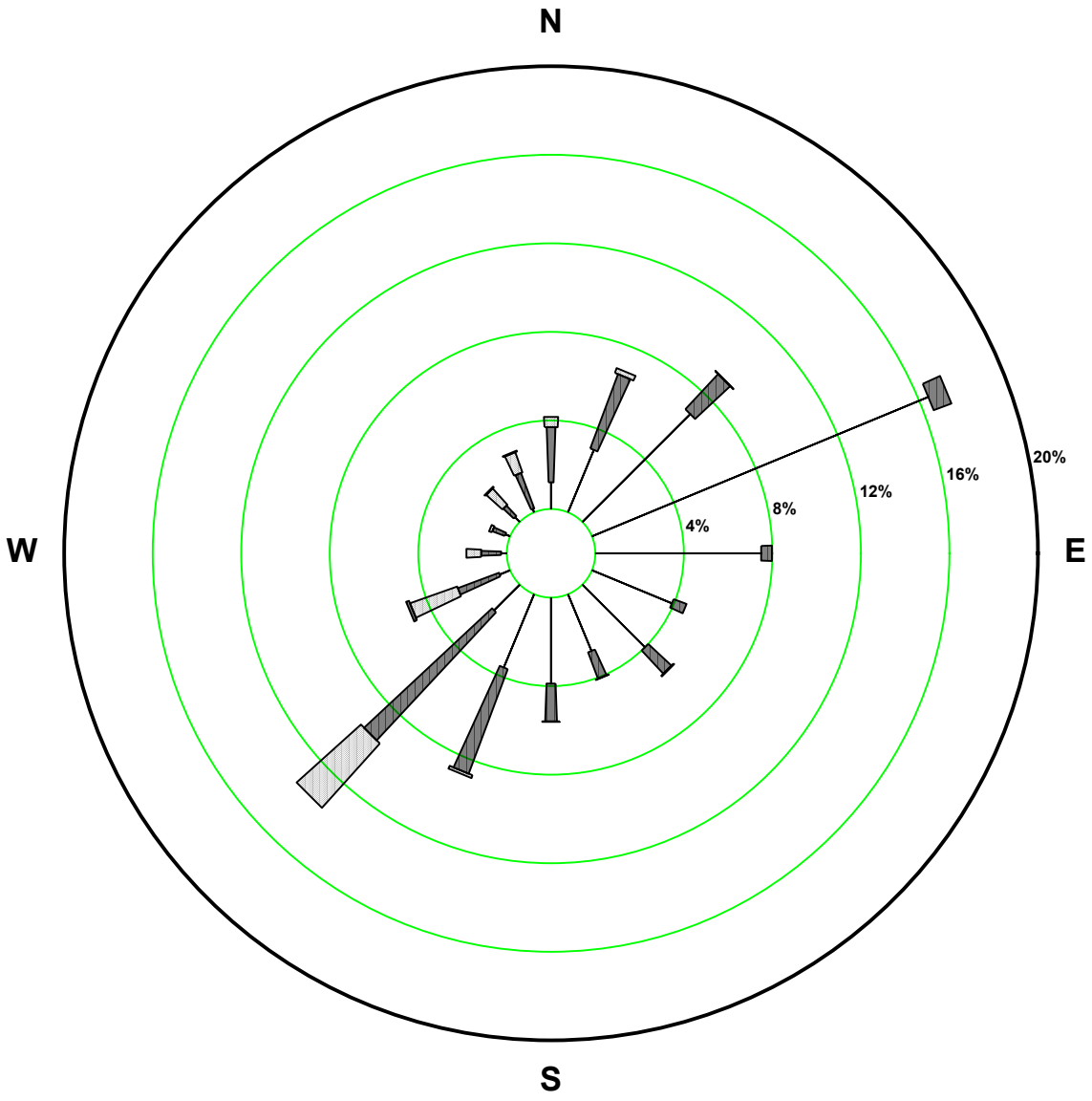


Figure 2.7-66— SSES 10m July Wind Rose

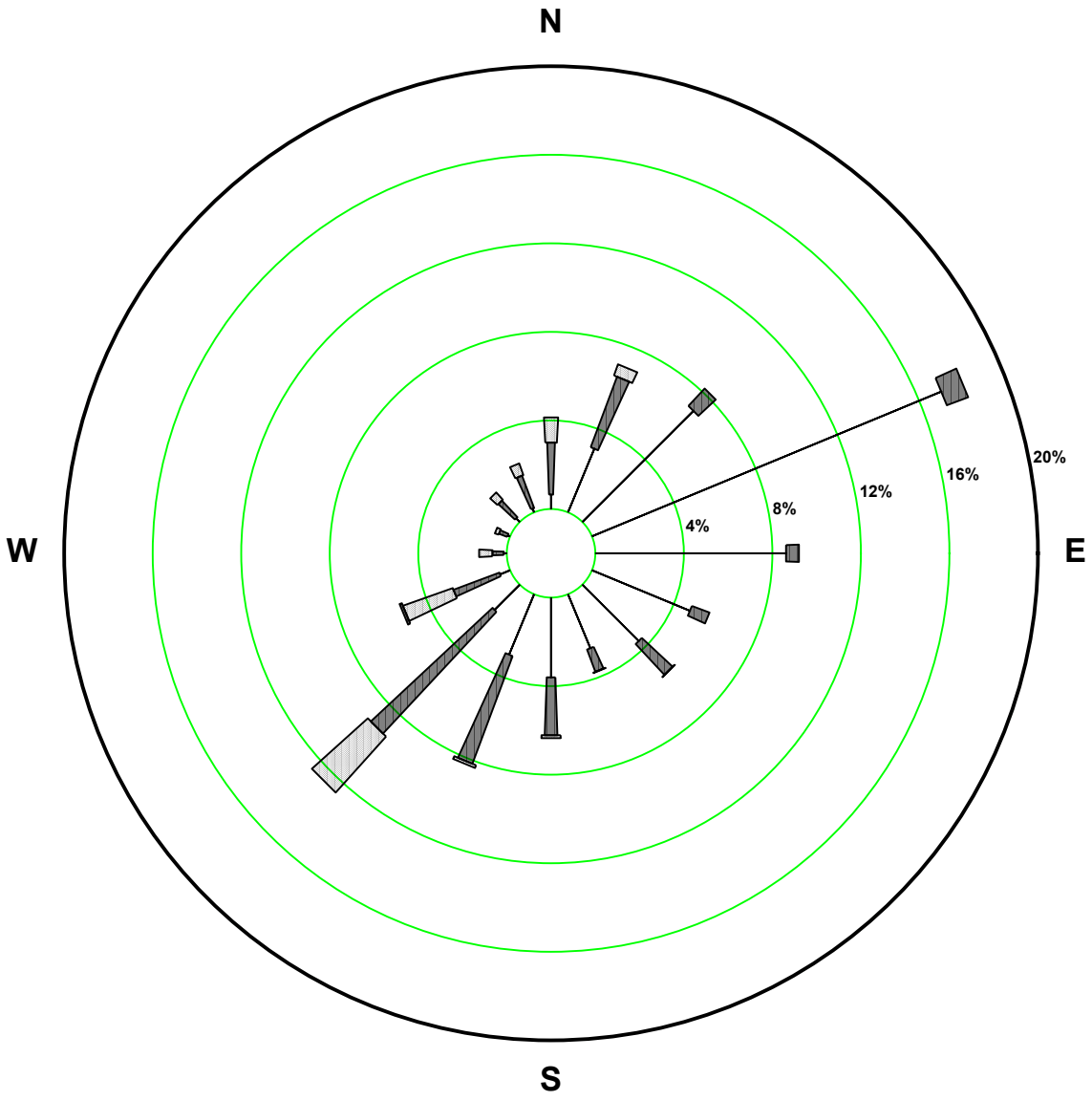


Figure 2.7-67— SSES 10m August Wind Rose

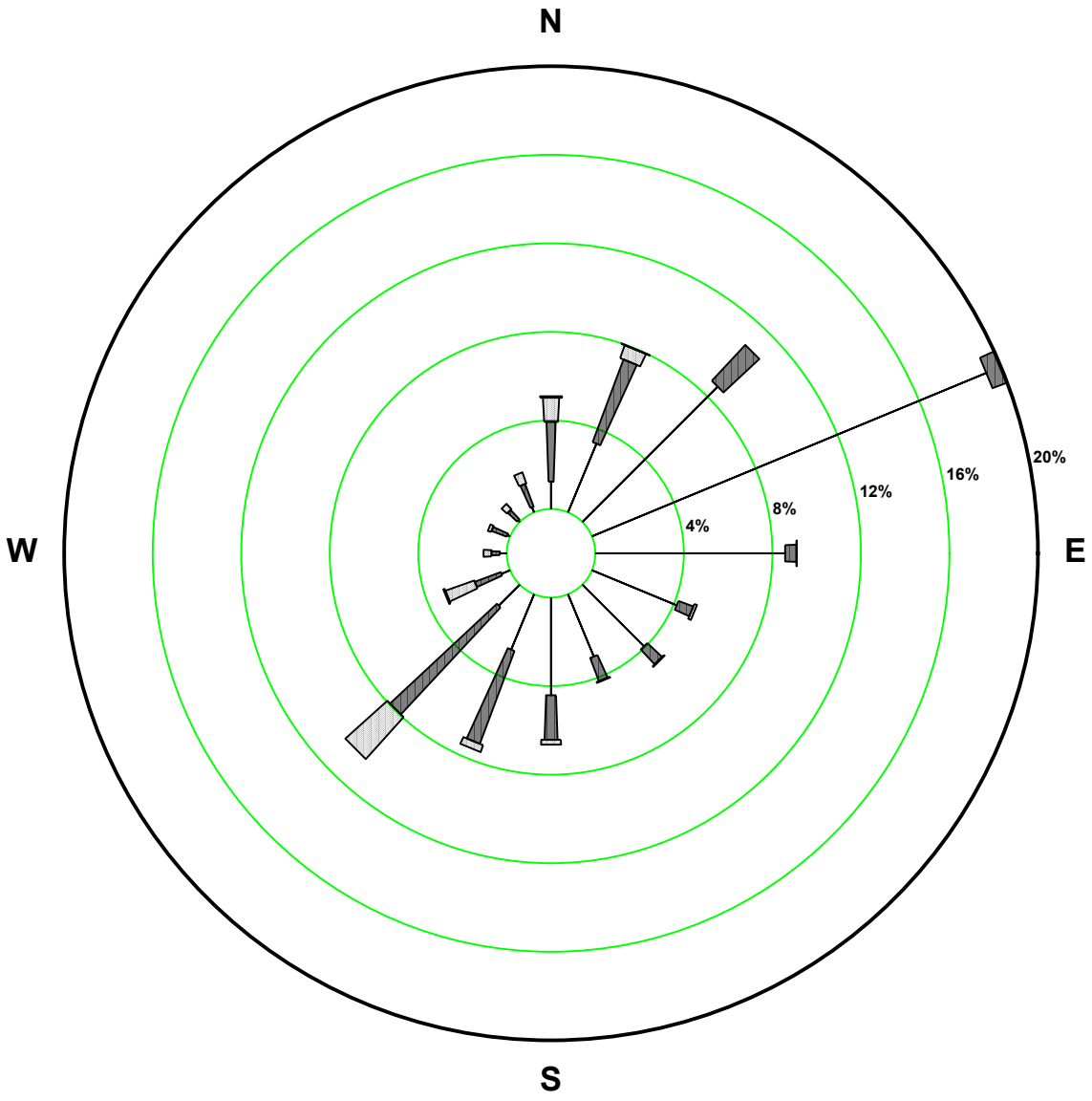


Figure 2.7-68— SSES 10m September Wind Rose

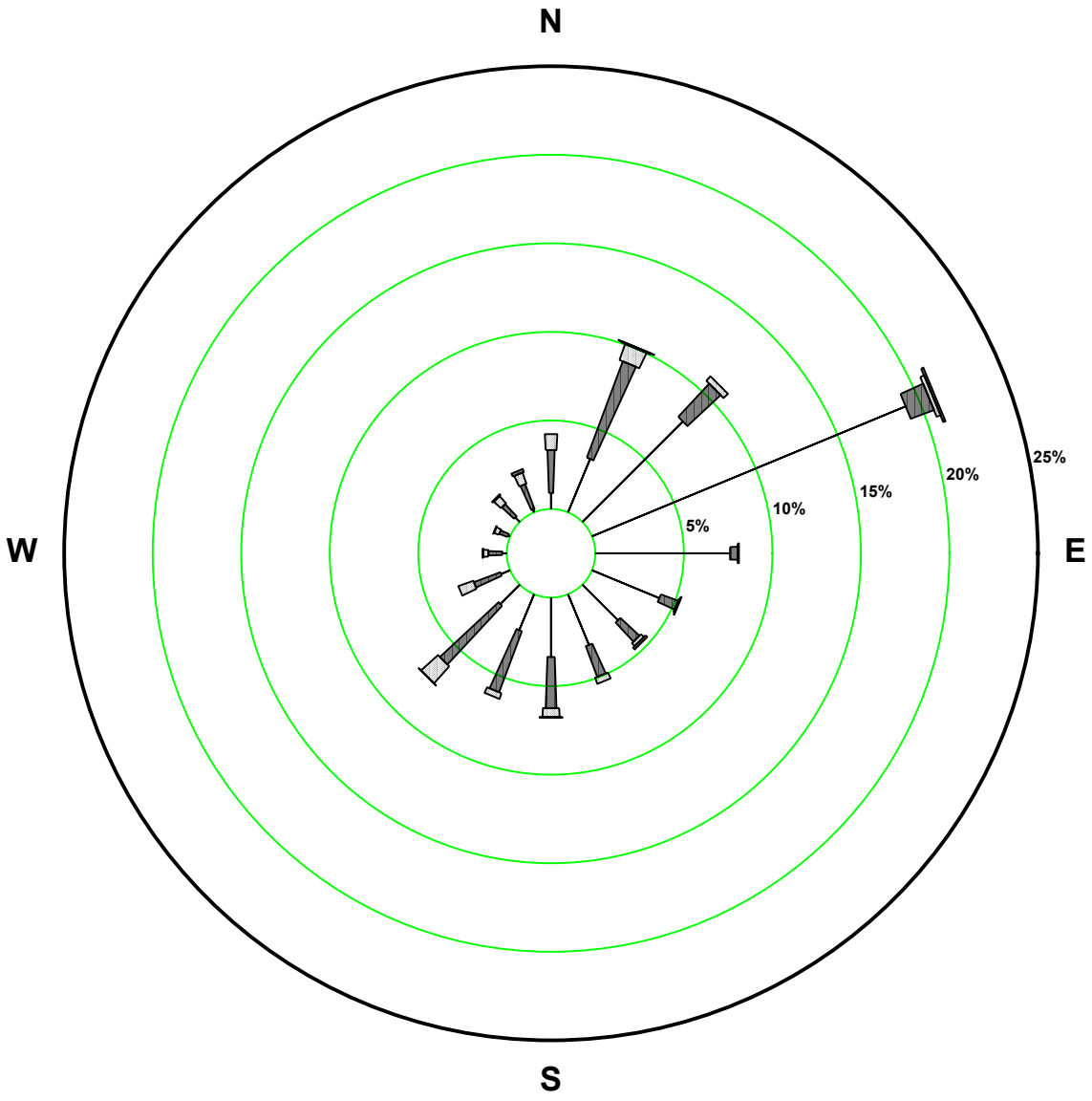


Figure 2.7-69— SSES 10m October Wind Rose

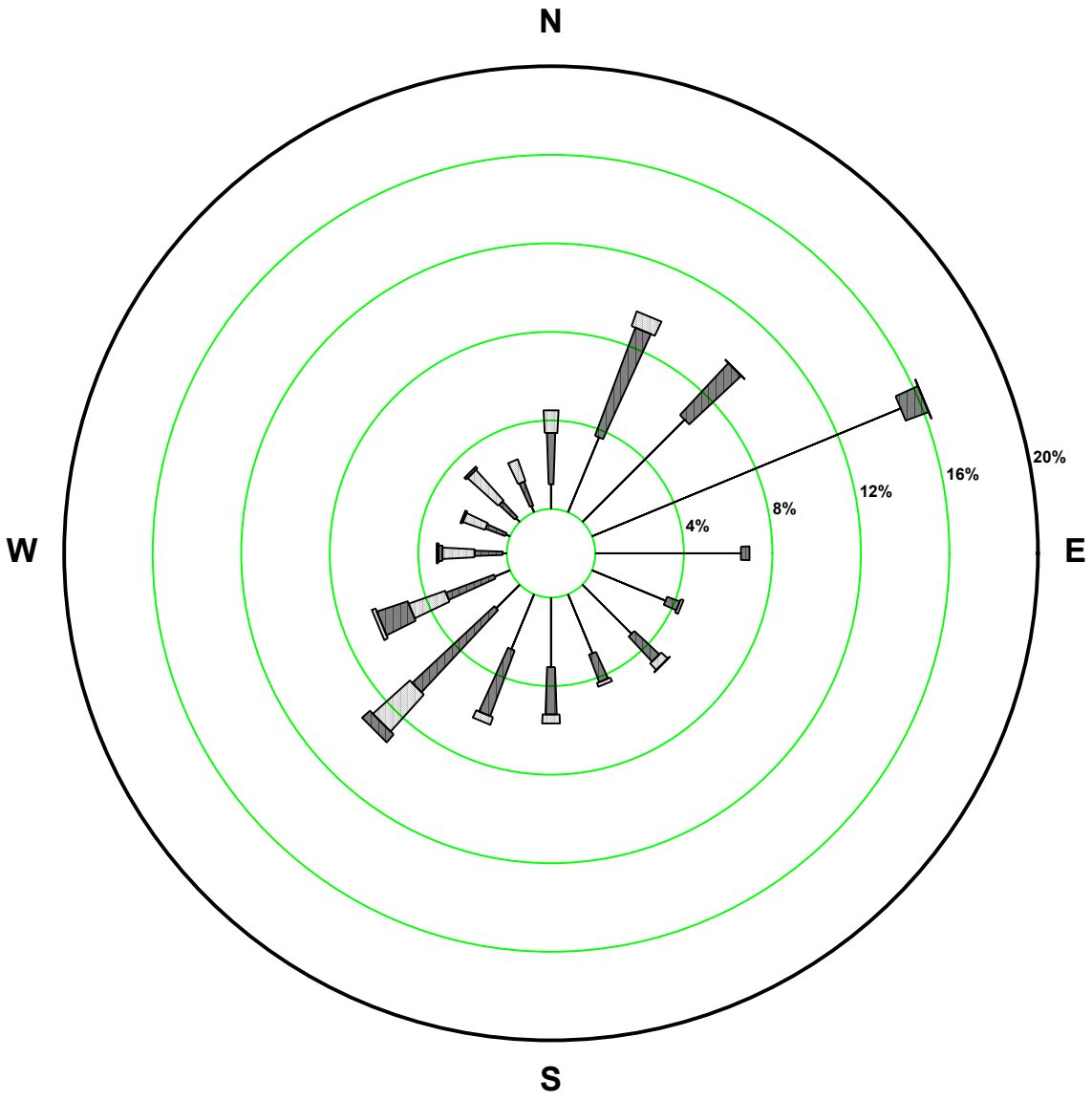


Figure 2.7-70— SSES 10m November Wind Rose

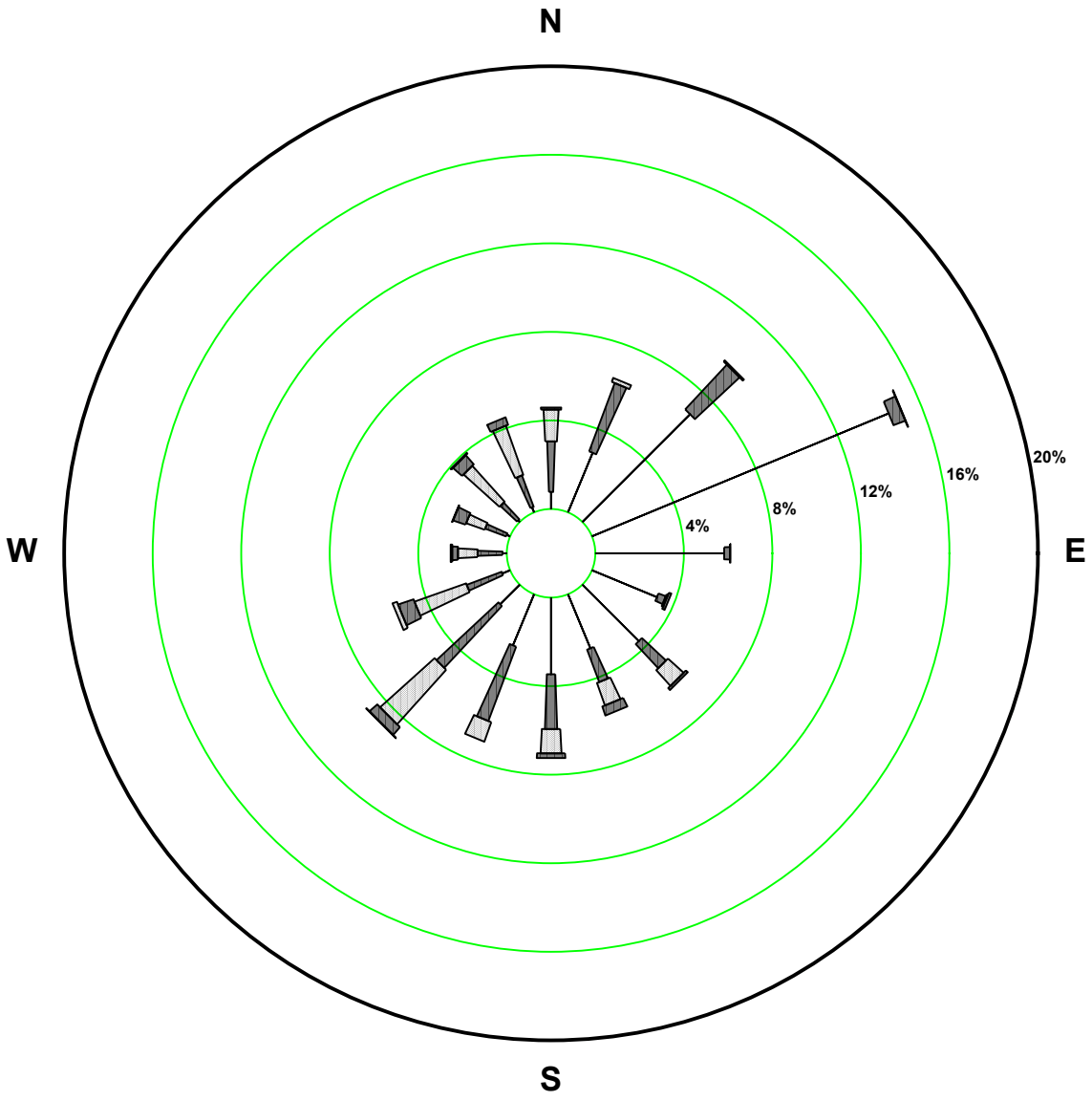


Figure 2.7-71— SSES 10m December Wind Rose

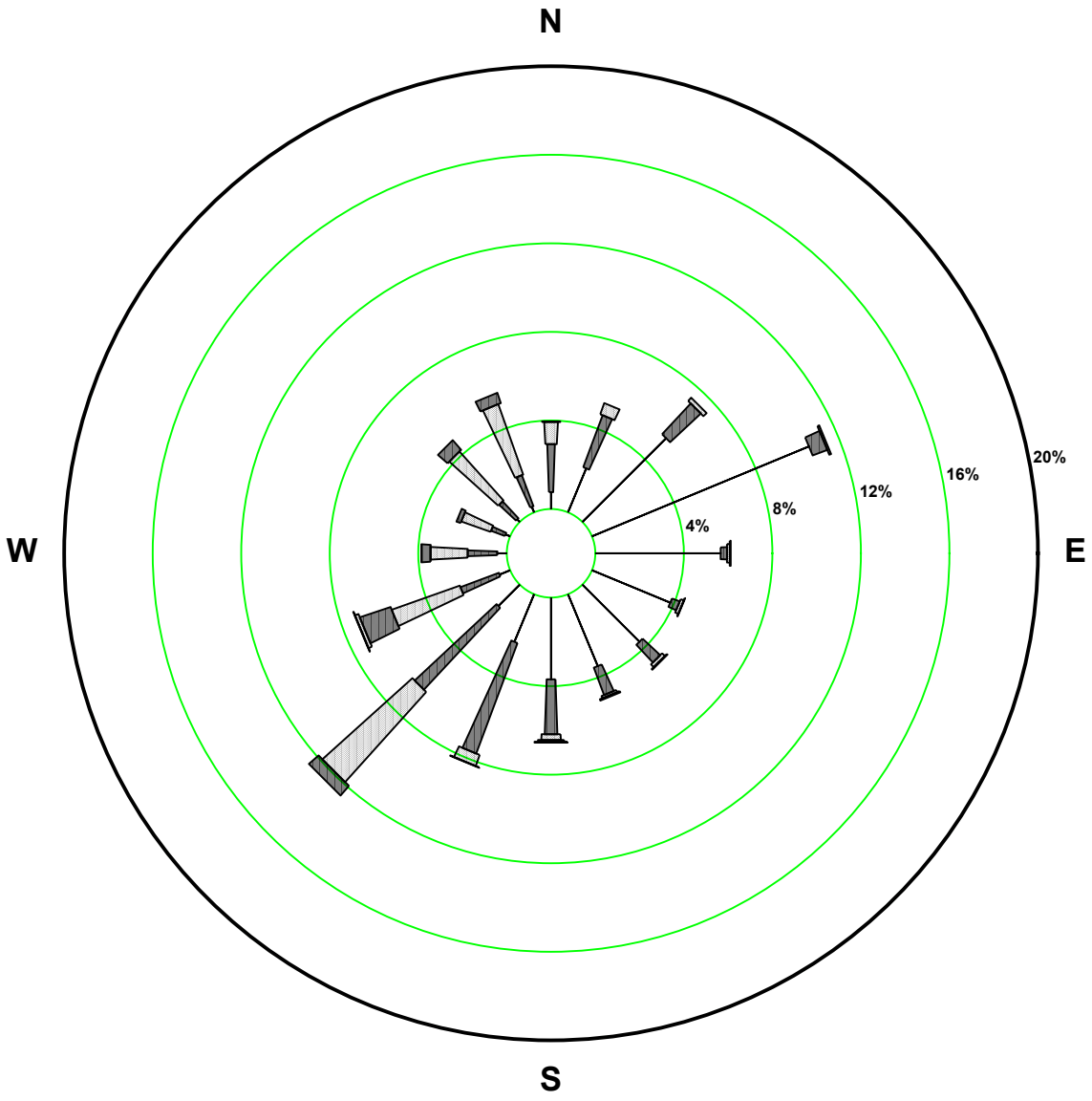


Figure 2.7-72— SSES 60m Annual Wind Rose

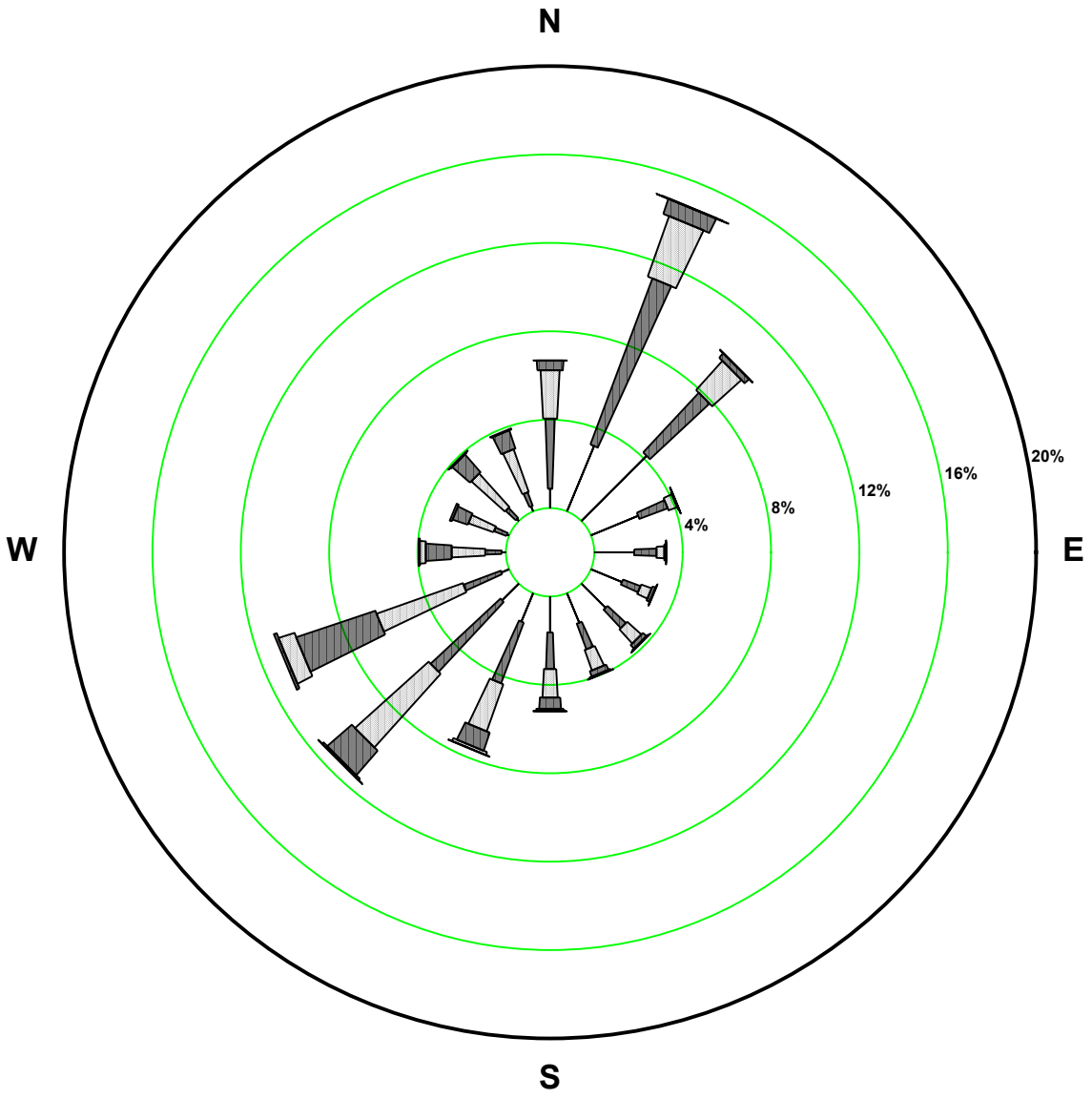


Figure 2.7-73— SSES 60m Winter Wind Rose

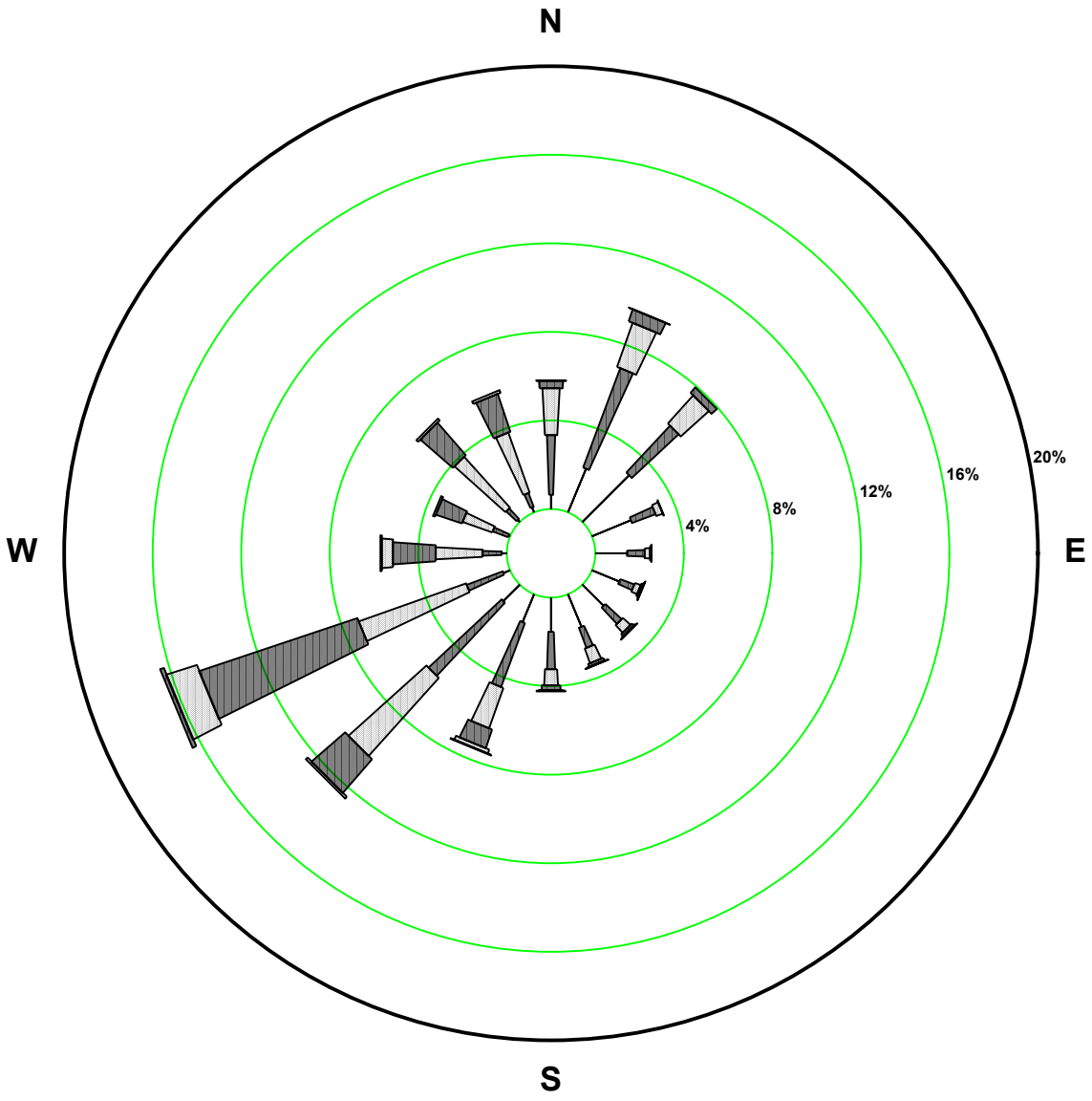
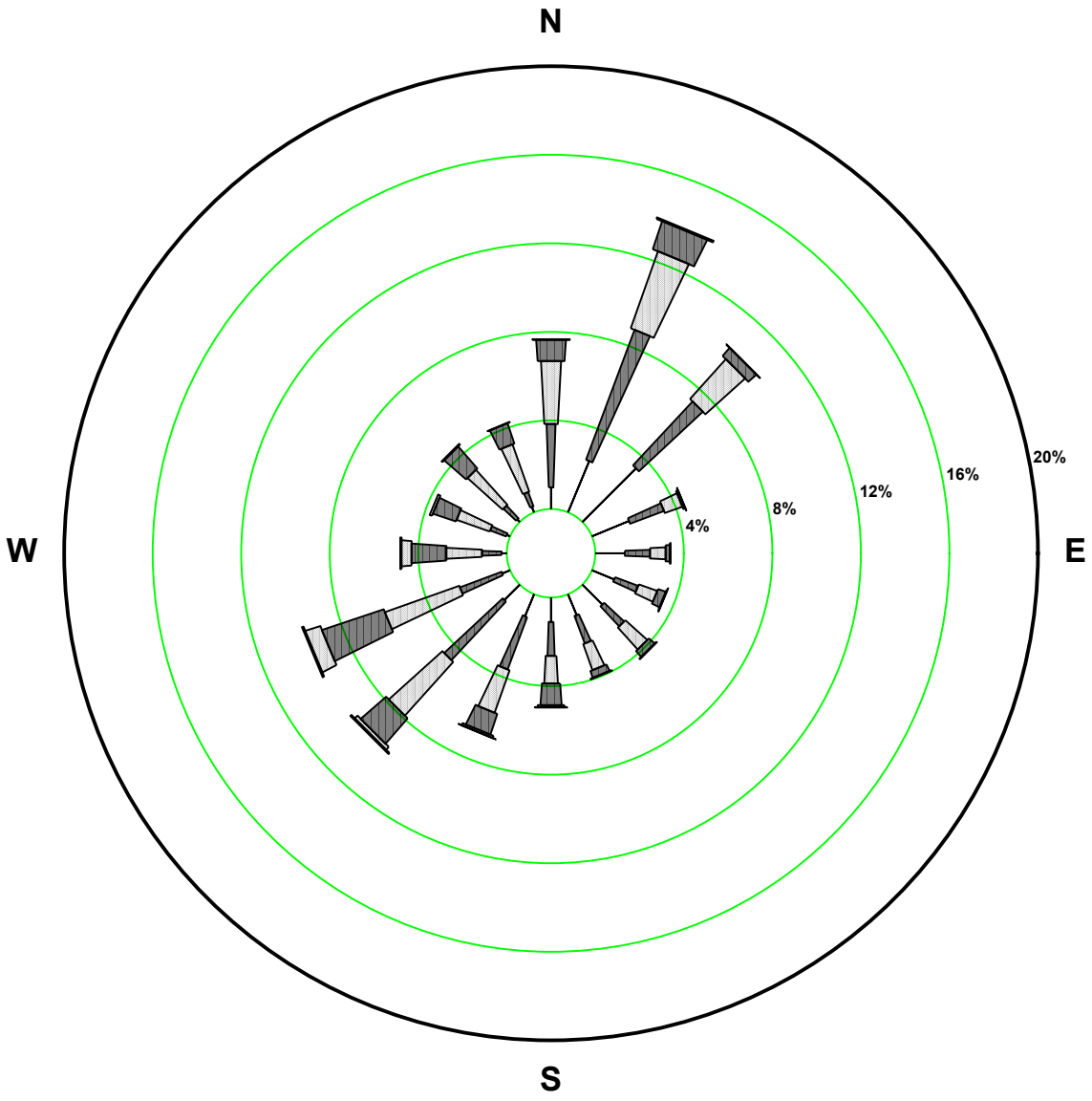


Figure 2.7-74— SSES 60m Spring Wind Rose



NOTE: Frequencies indicate direction from which the wind is blowing.

Figure 2.7-75— SSES 60m Summer Wind Rose

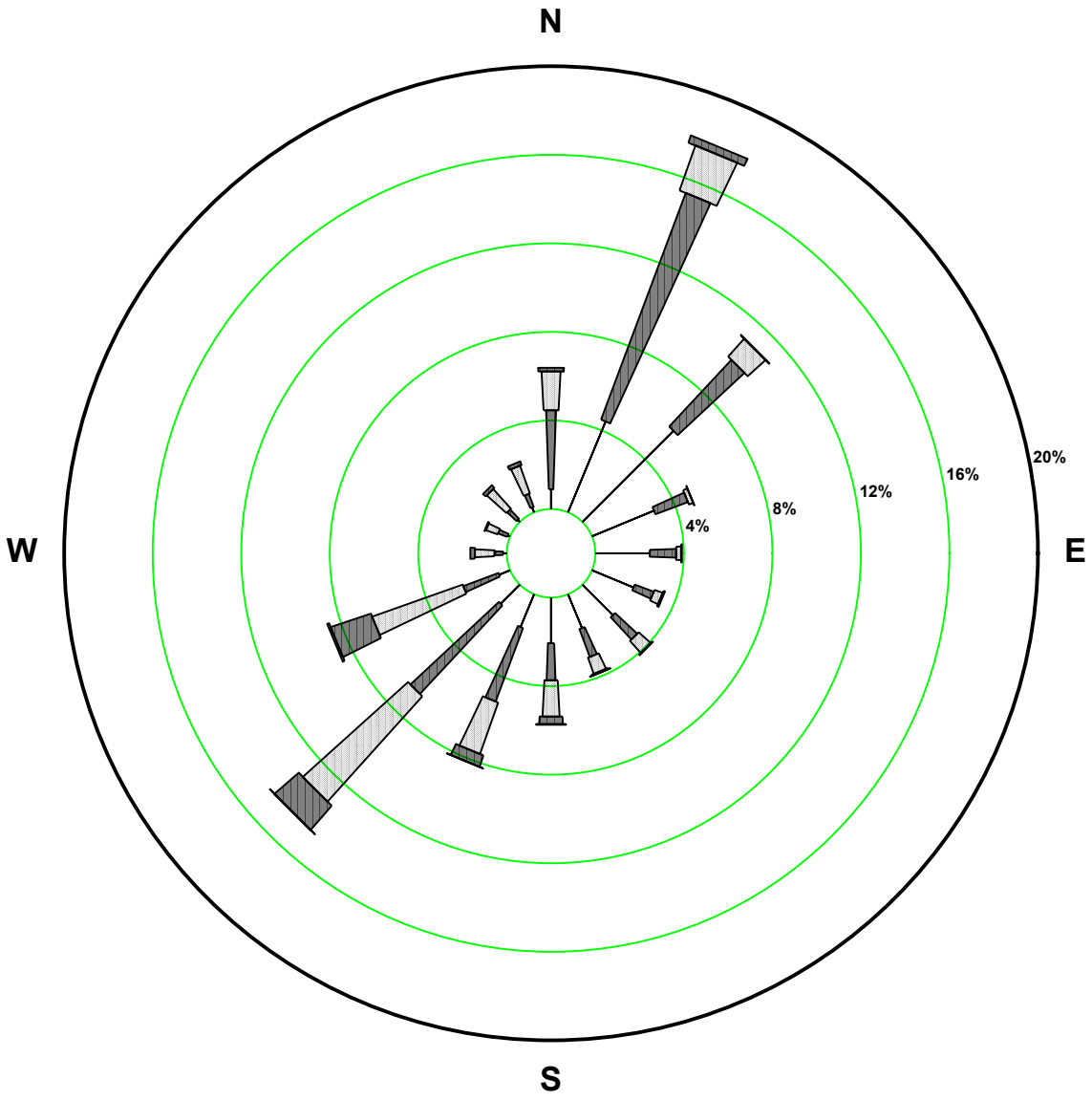


Figure 2.7-76— SSES 60m Fall Wind Rose

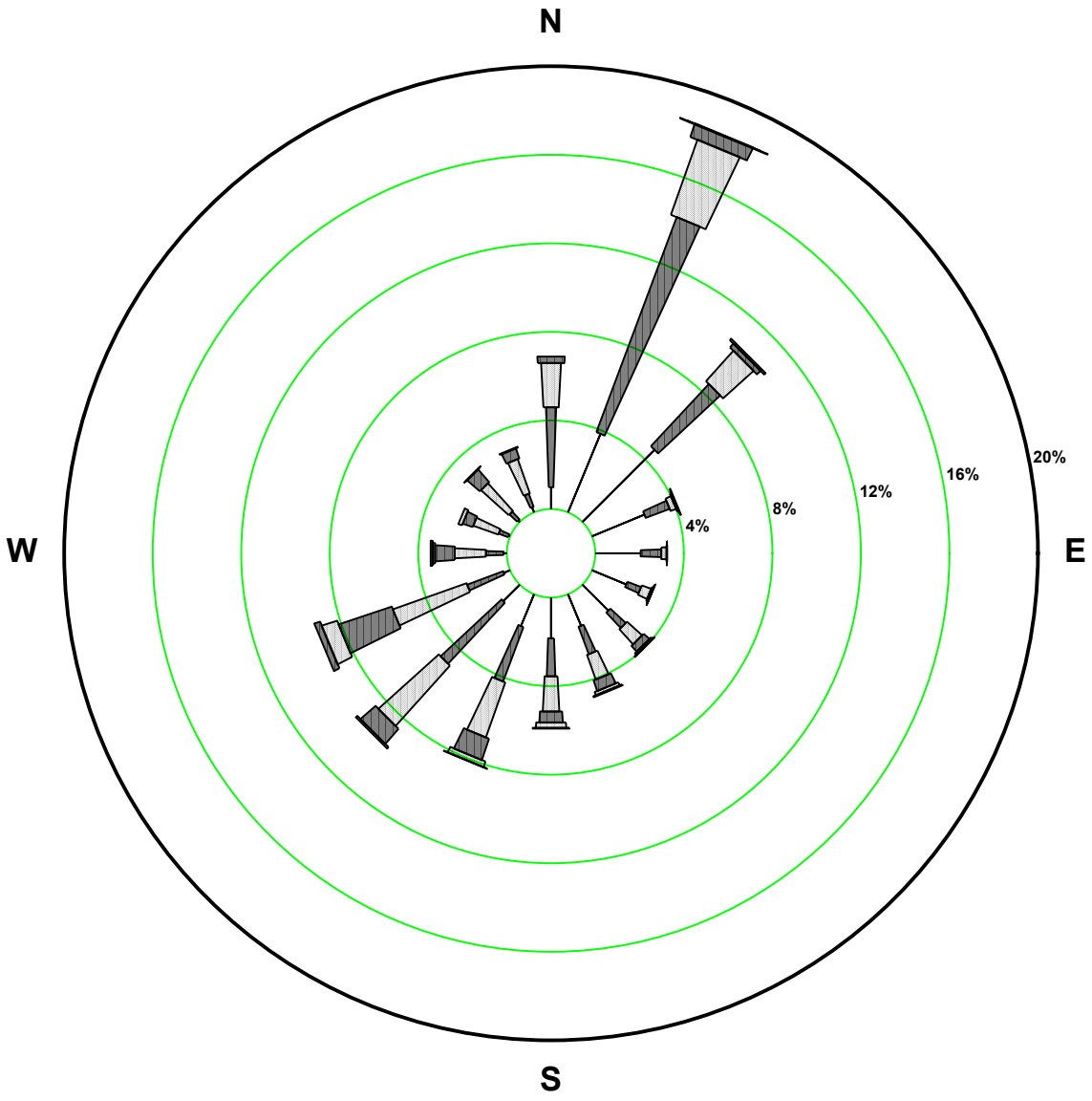


Figure 2.7-77— SSES 60m January Wind Rose

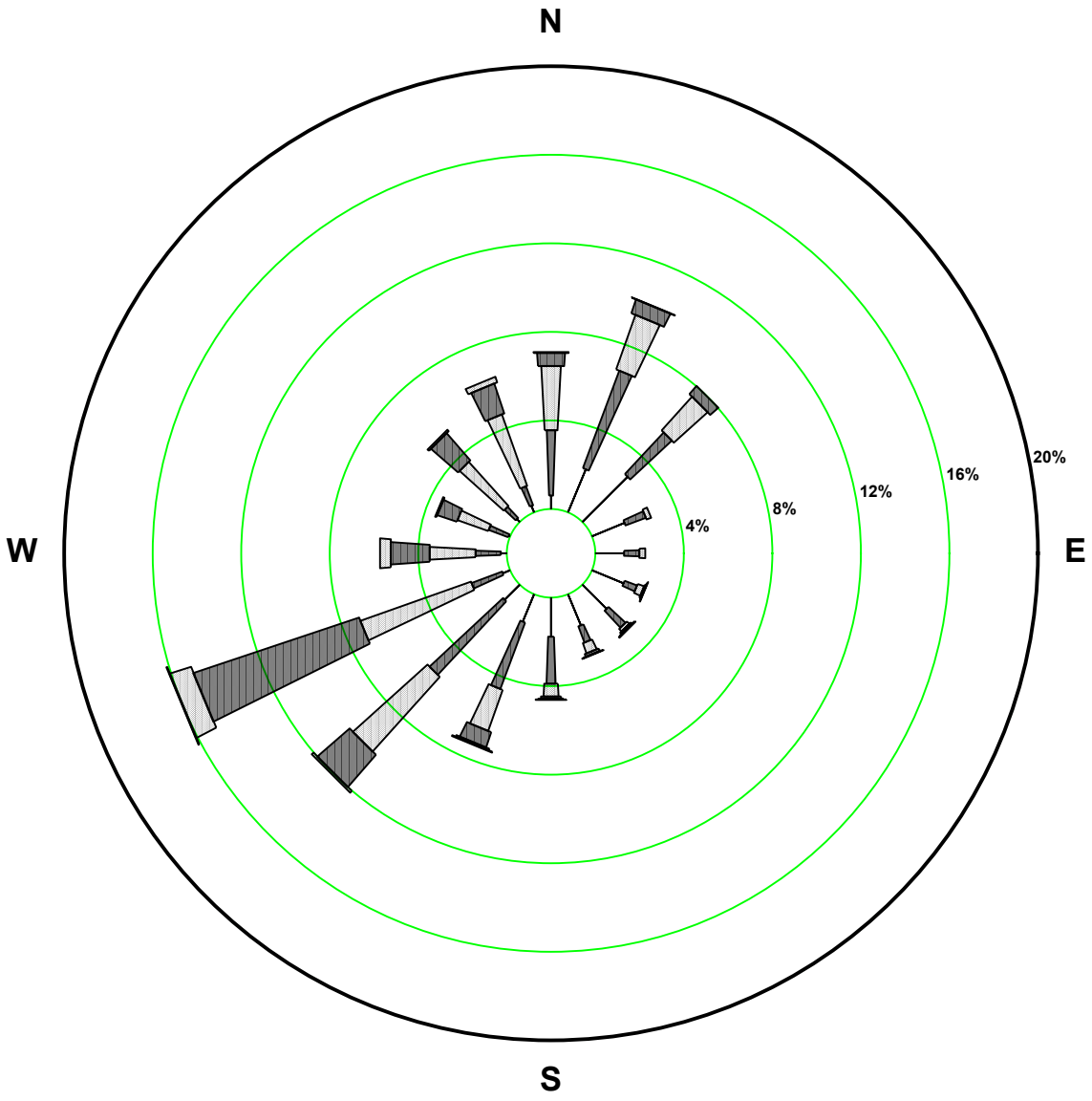


Figure 2.7-78— SSES 60m February Wind Rose

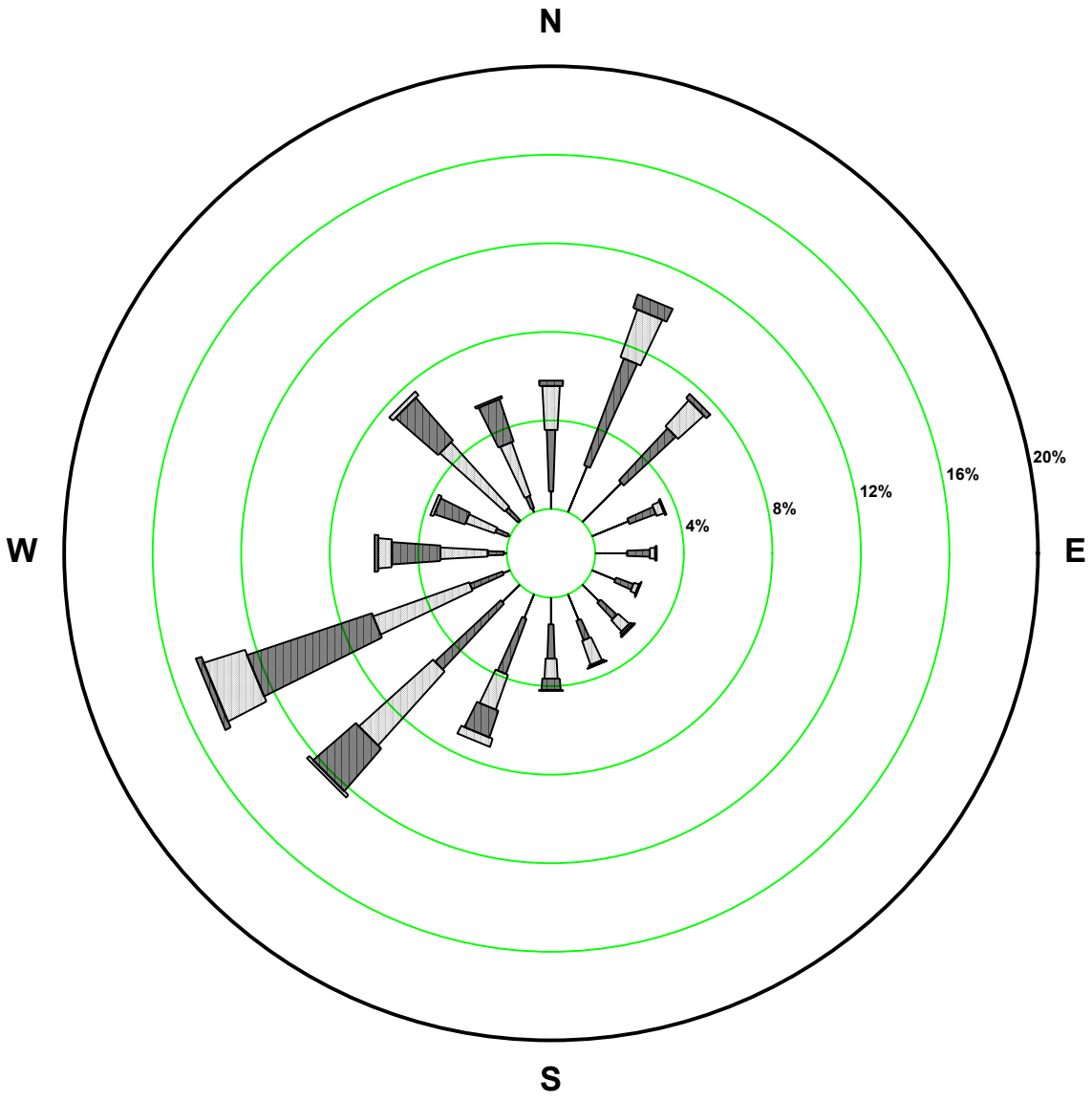


Figure 2.7-79— SSES 60m March Wind Rose

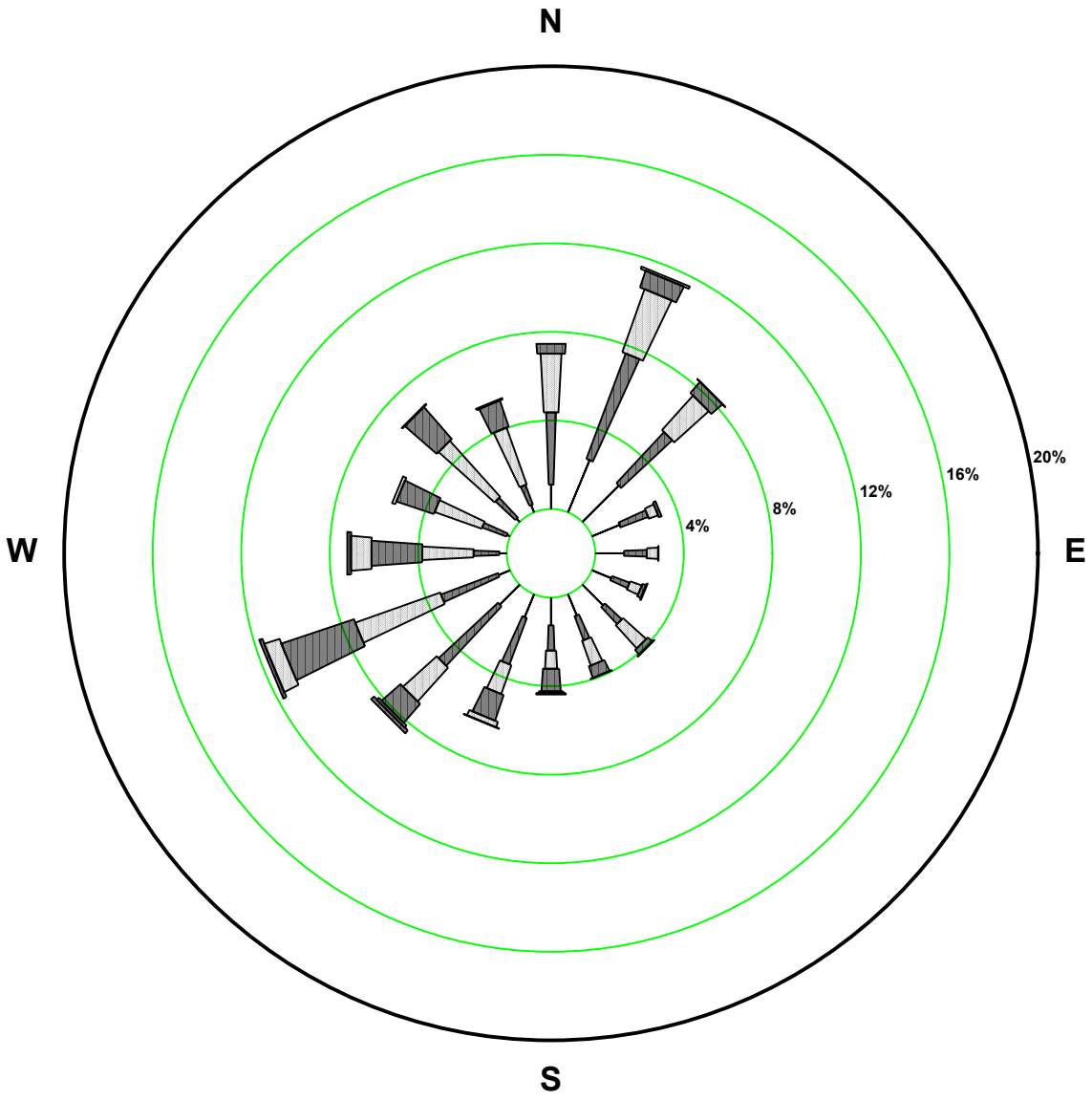


Figure 2.7-80— SSES 60m April Wind Rose

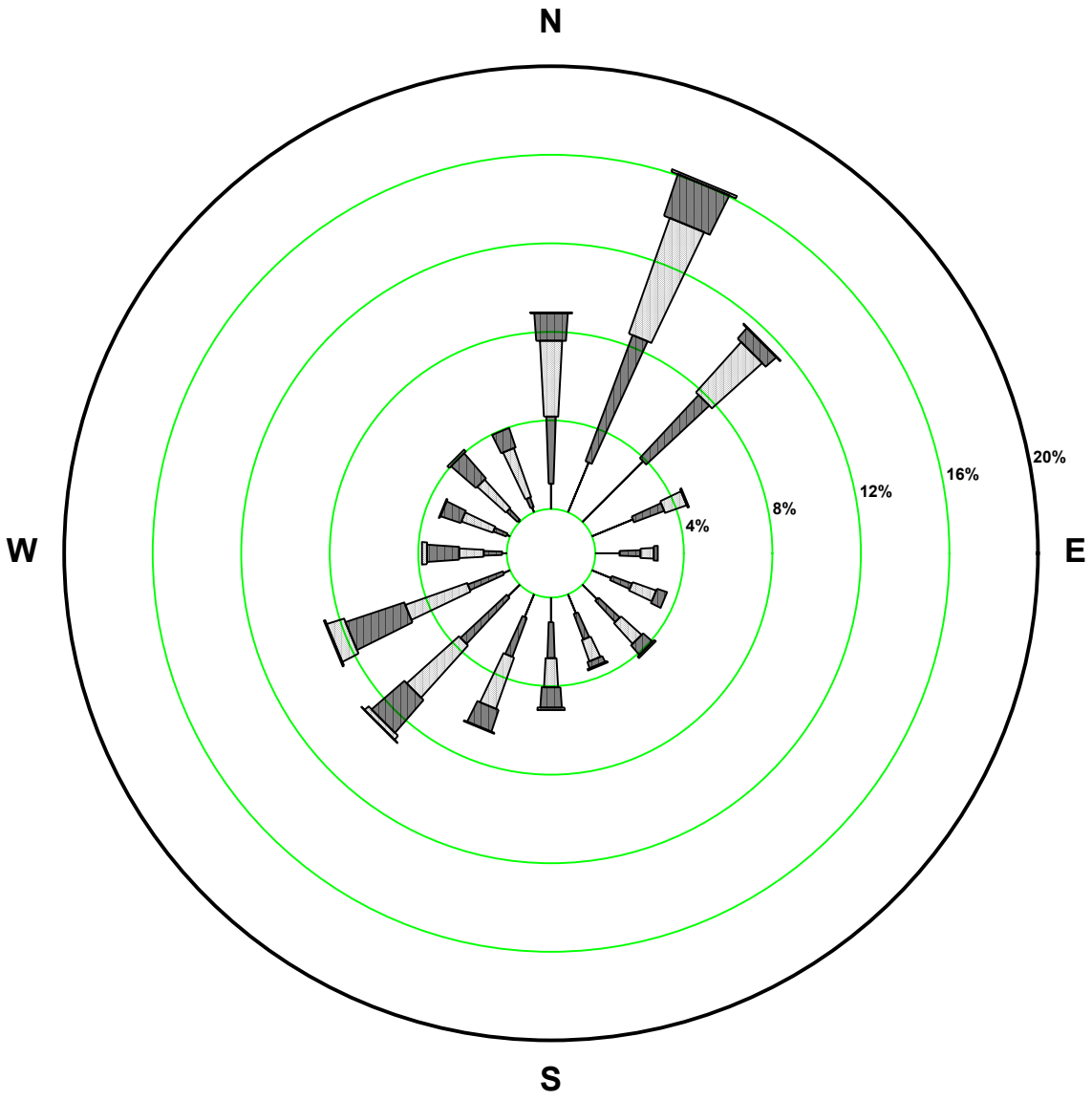


Figure 2.7-81— SSES 60m May Wind Rose

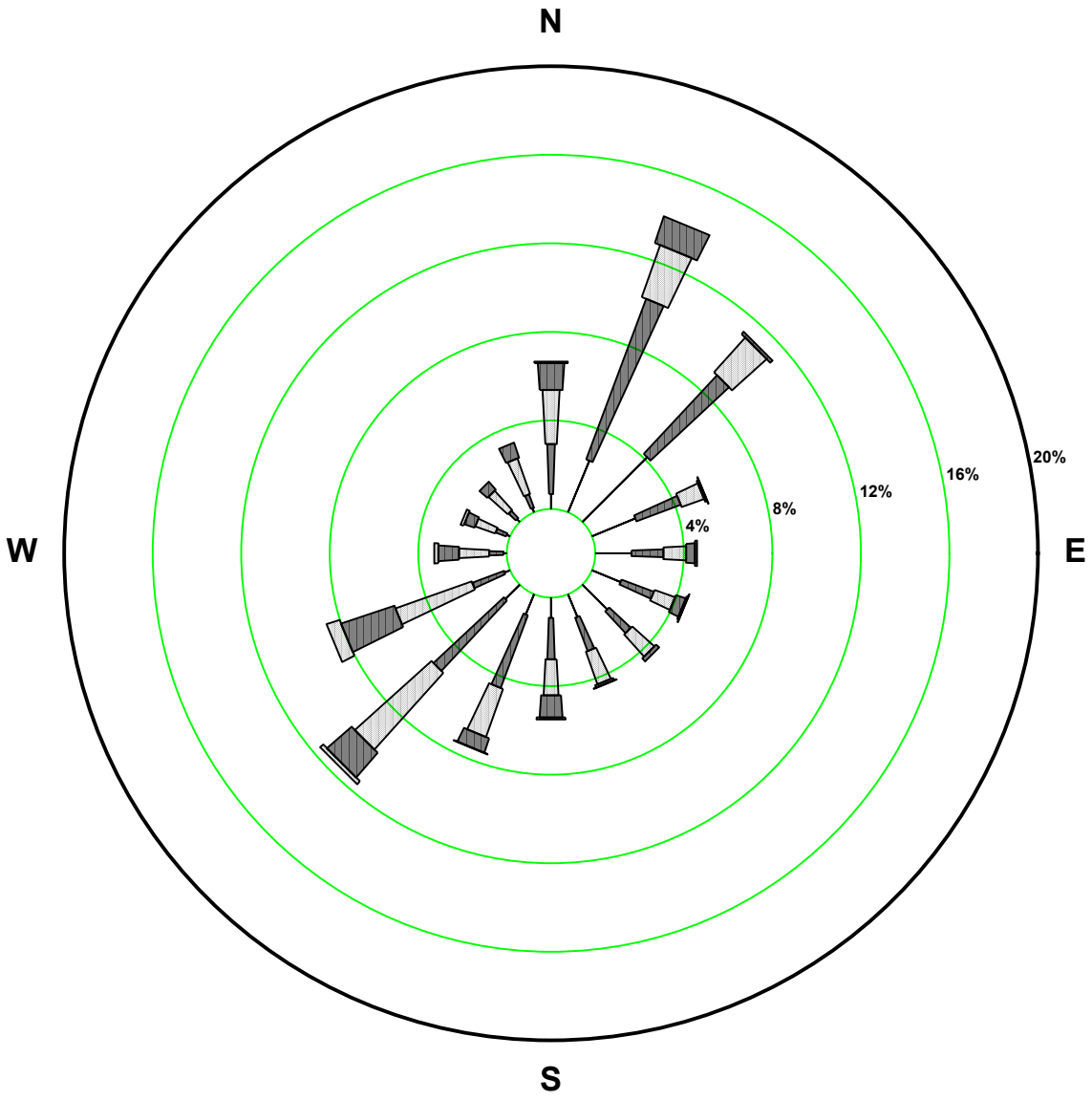


Figure 2.7-82— SSES 60m June Wind Rose

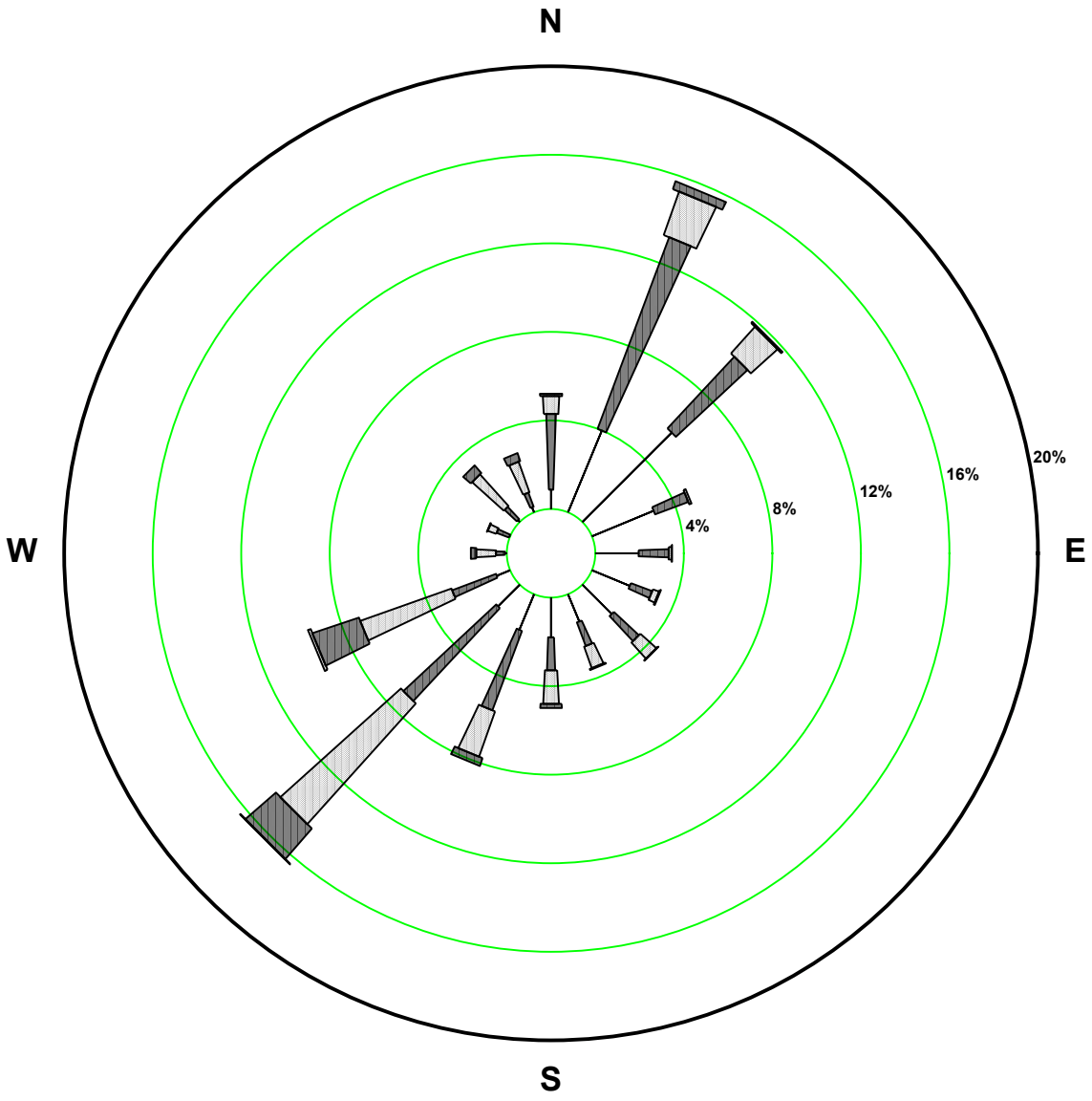


Figure 2.7-83— SSES 60m July Wind Rose

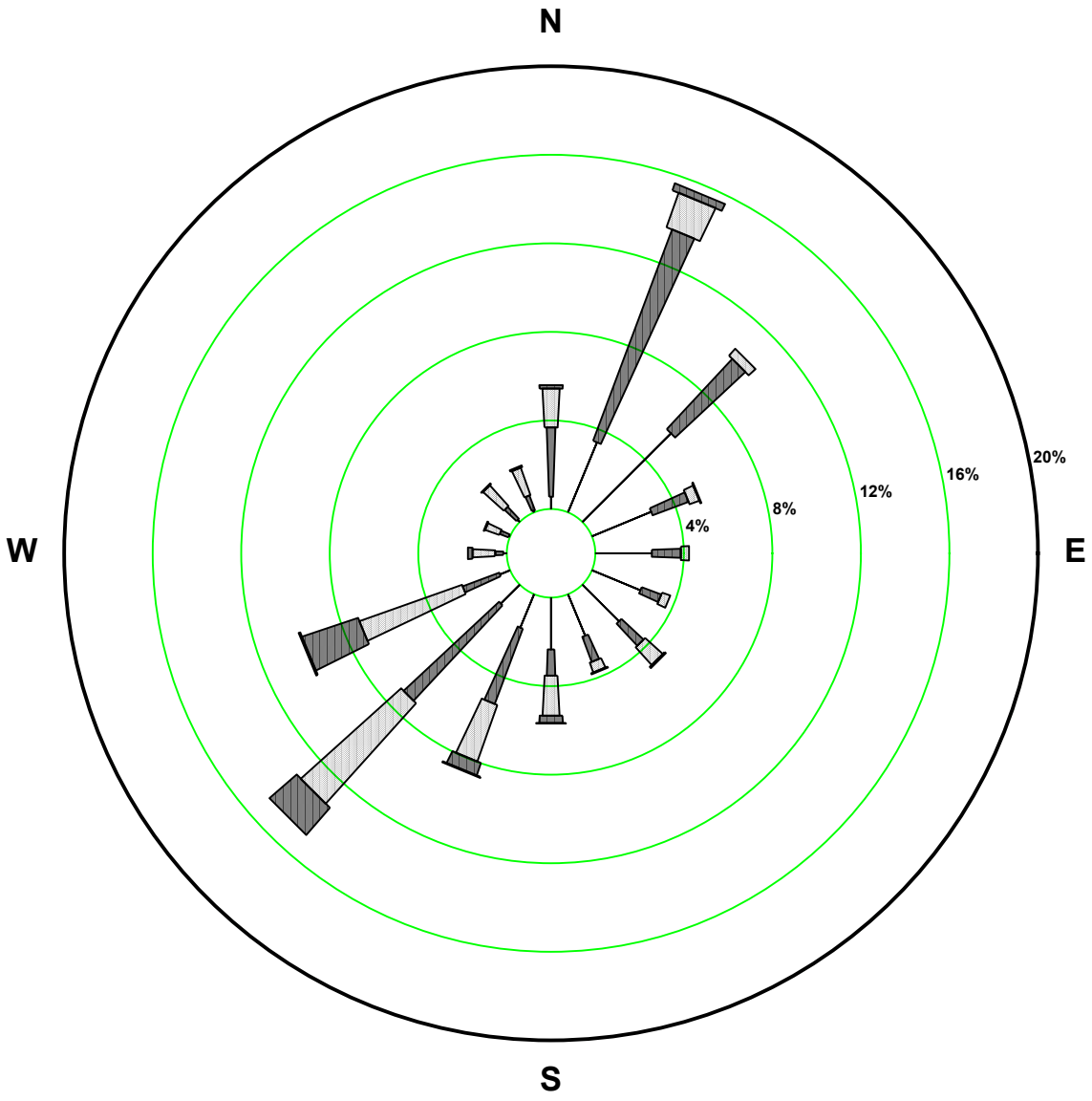


Figure 2.7-84— SSES 60m August Wind Rose

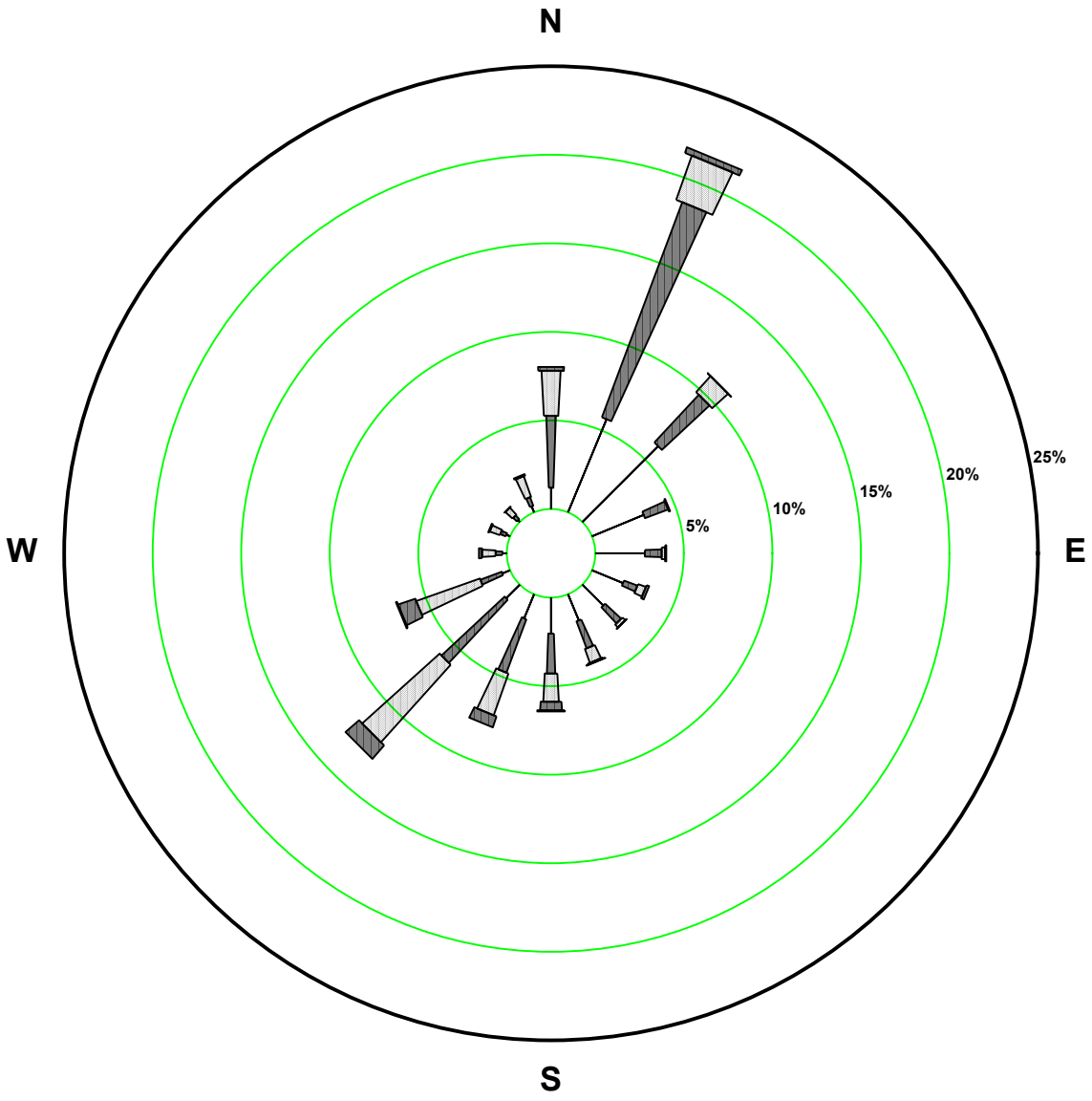


Figure 2.7-85— SSES 60m September Wind Rose

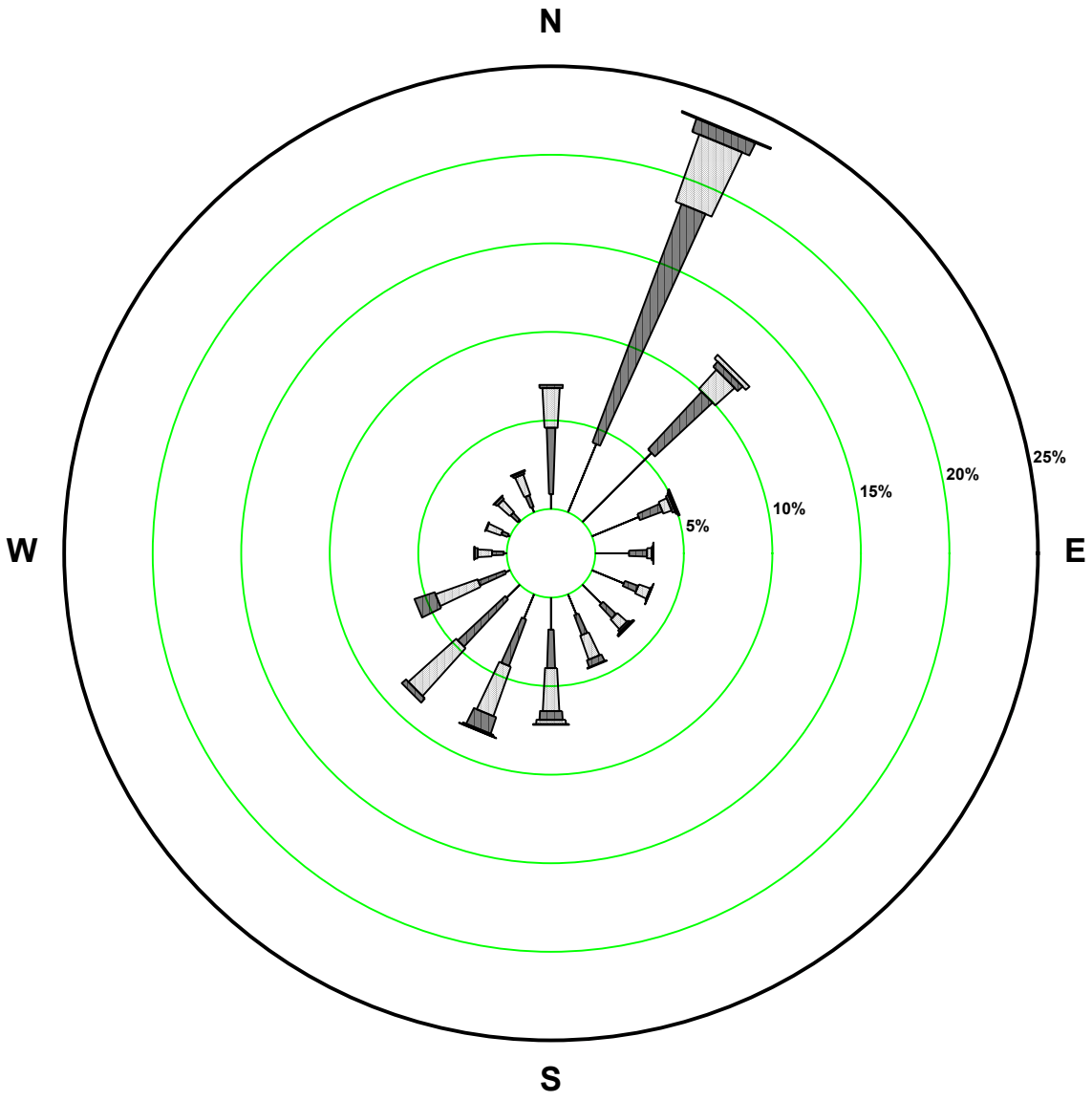


Figure 2.7-86— SSES 60m October Wind Rose

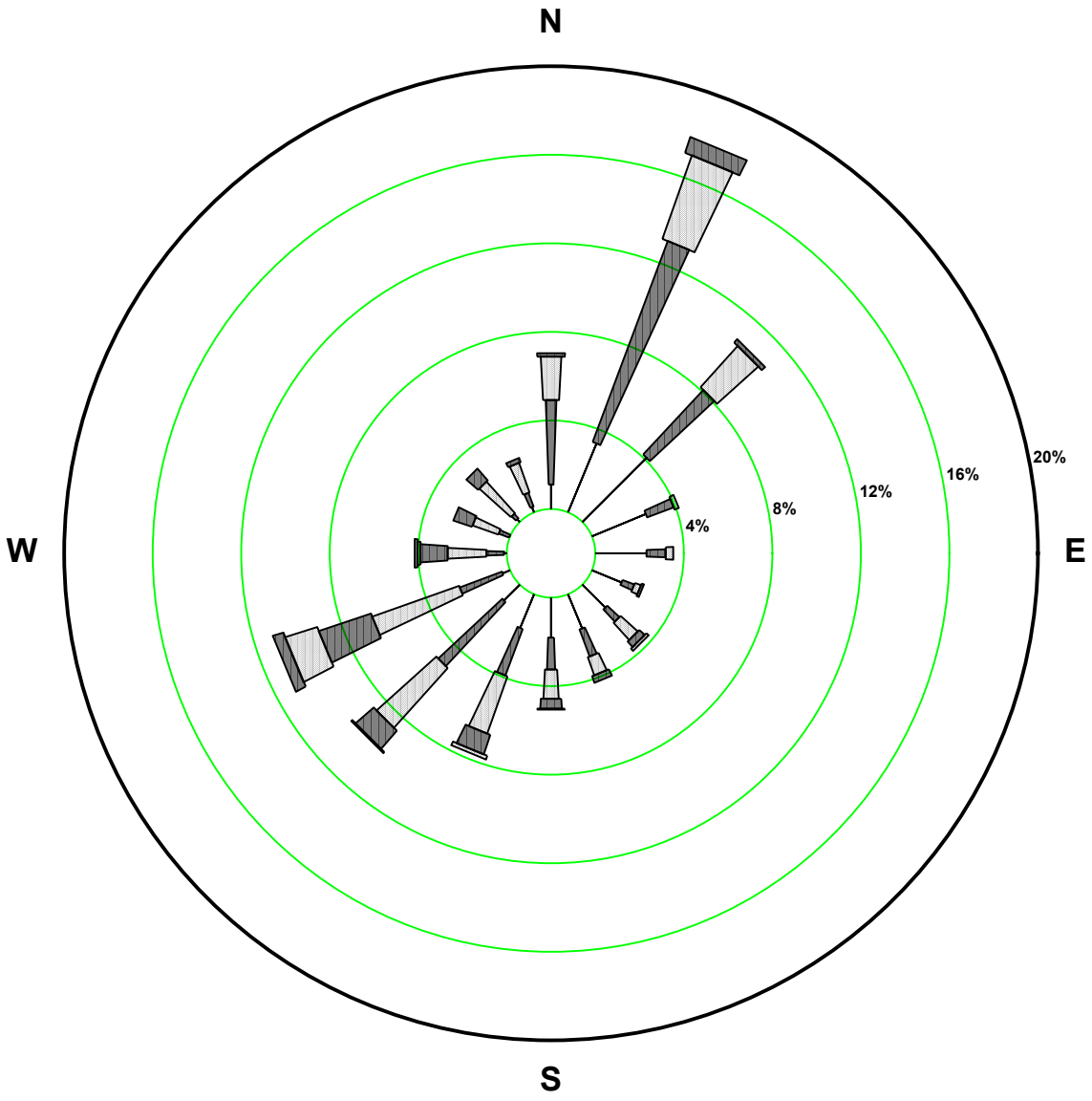


Figure 2.7-87— SSES 60m November Wind Rose

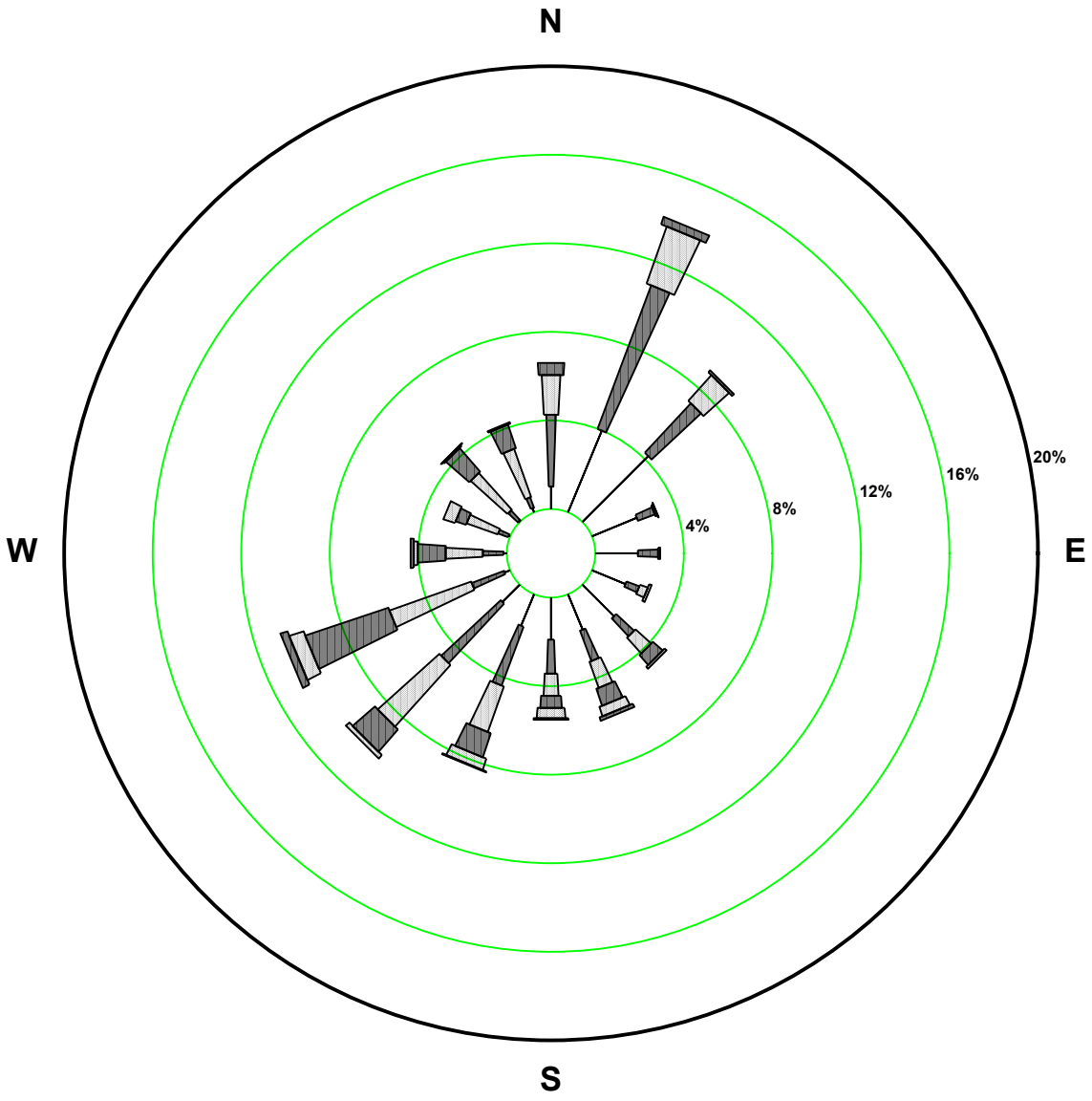


Figure 2.7-88— SSES 60m December Wind Rose

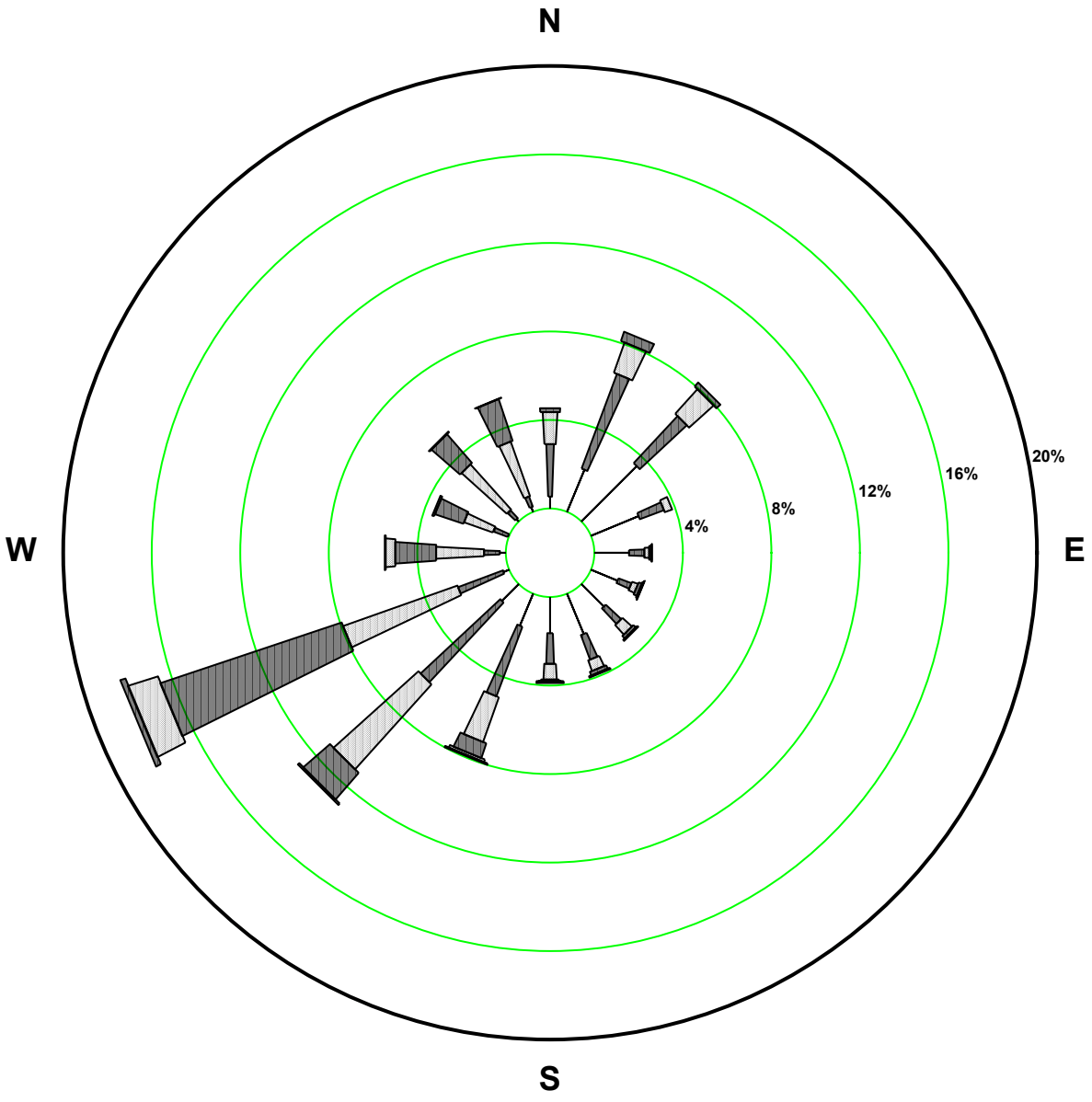


Figure 2.7-89— Wilkes-Barre/Scranton, PA, Wind Rose

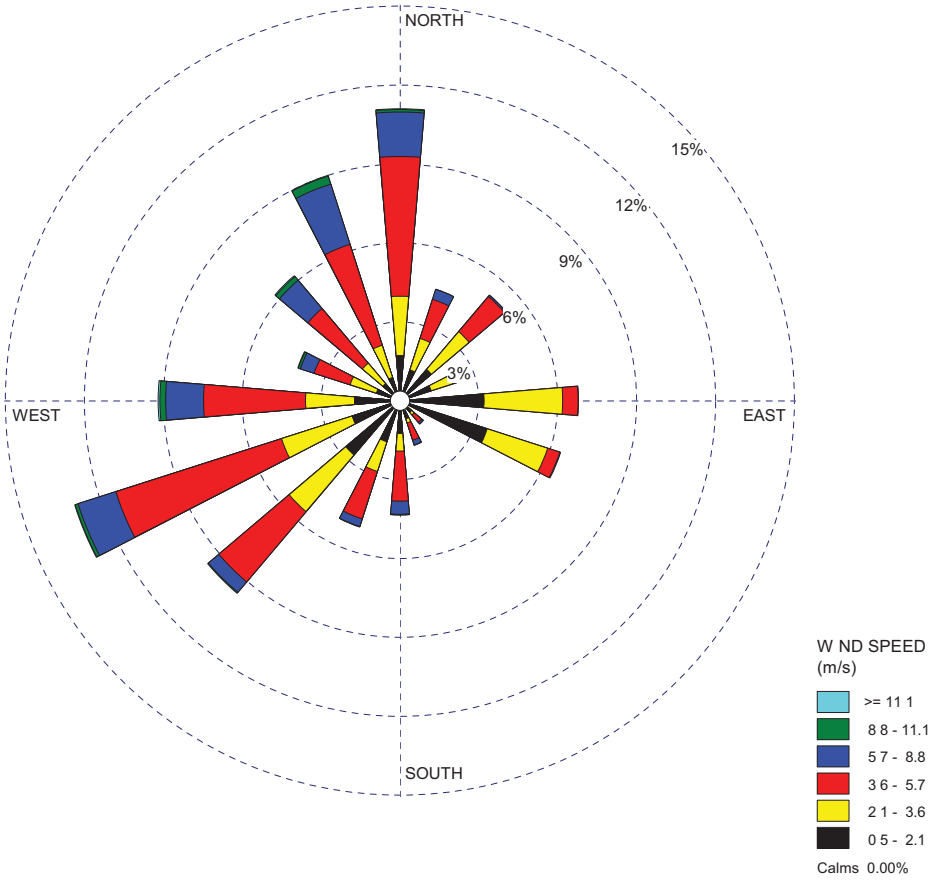


Figure 2.7-90— Allentown, PA, Wind Rose

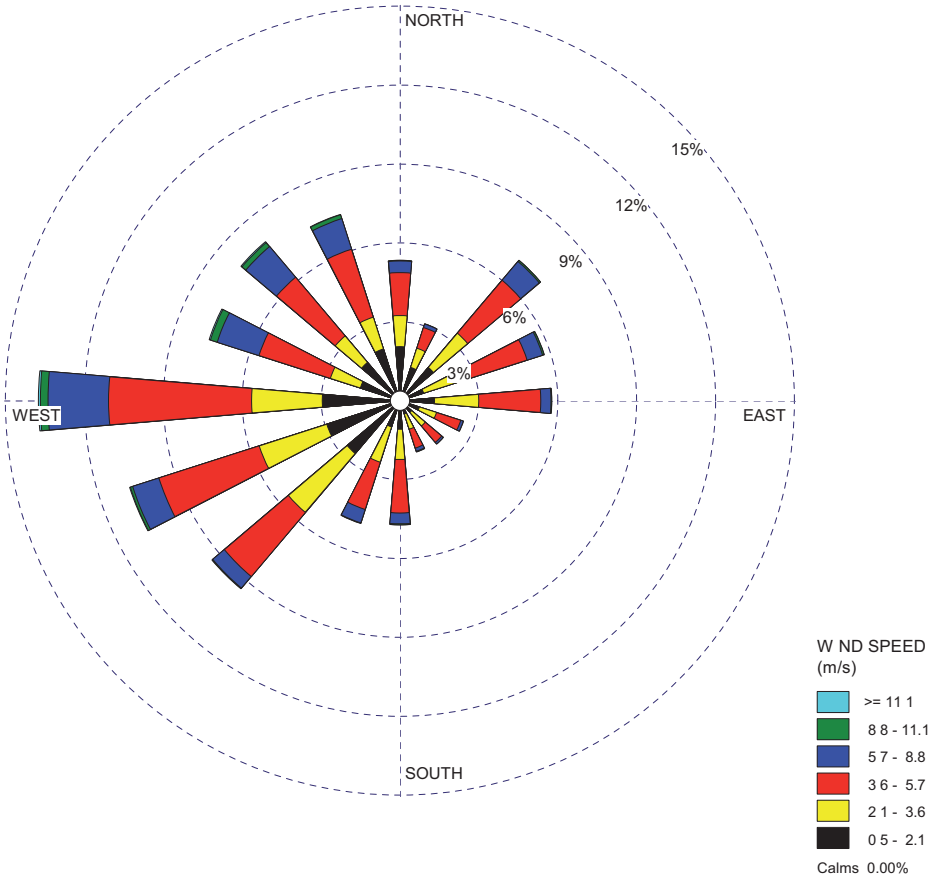
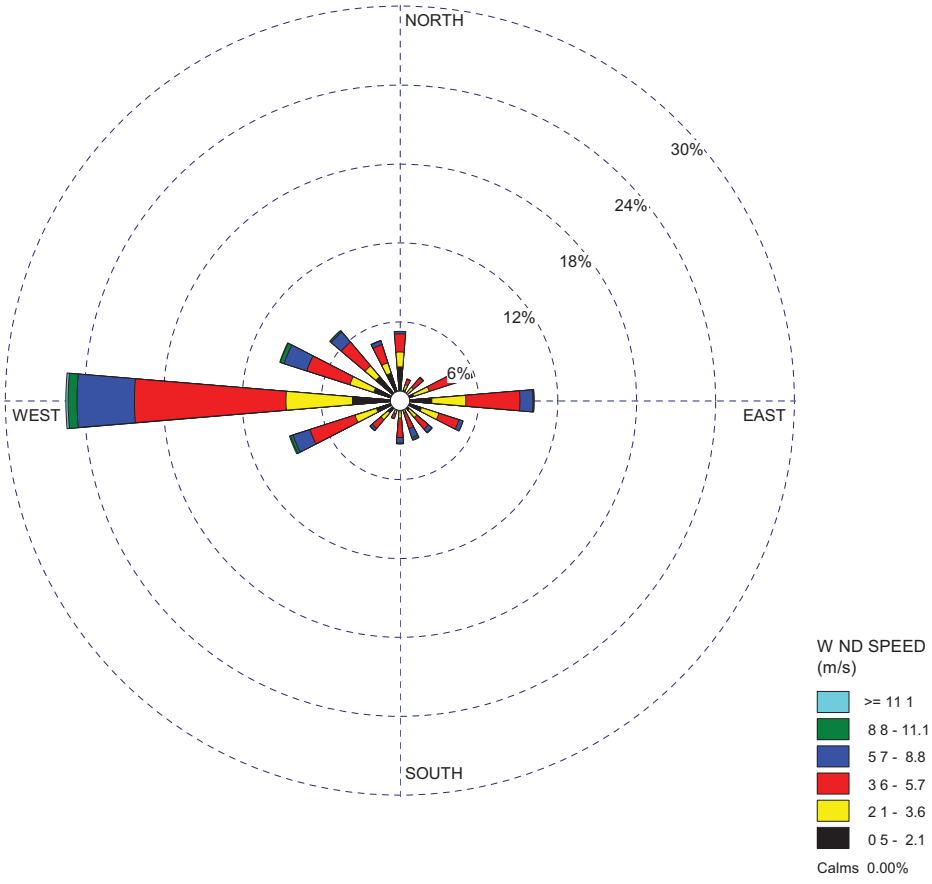


Figure 2.7-91— Williamsport, PA, Wind Rose



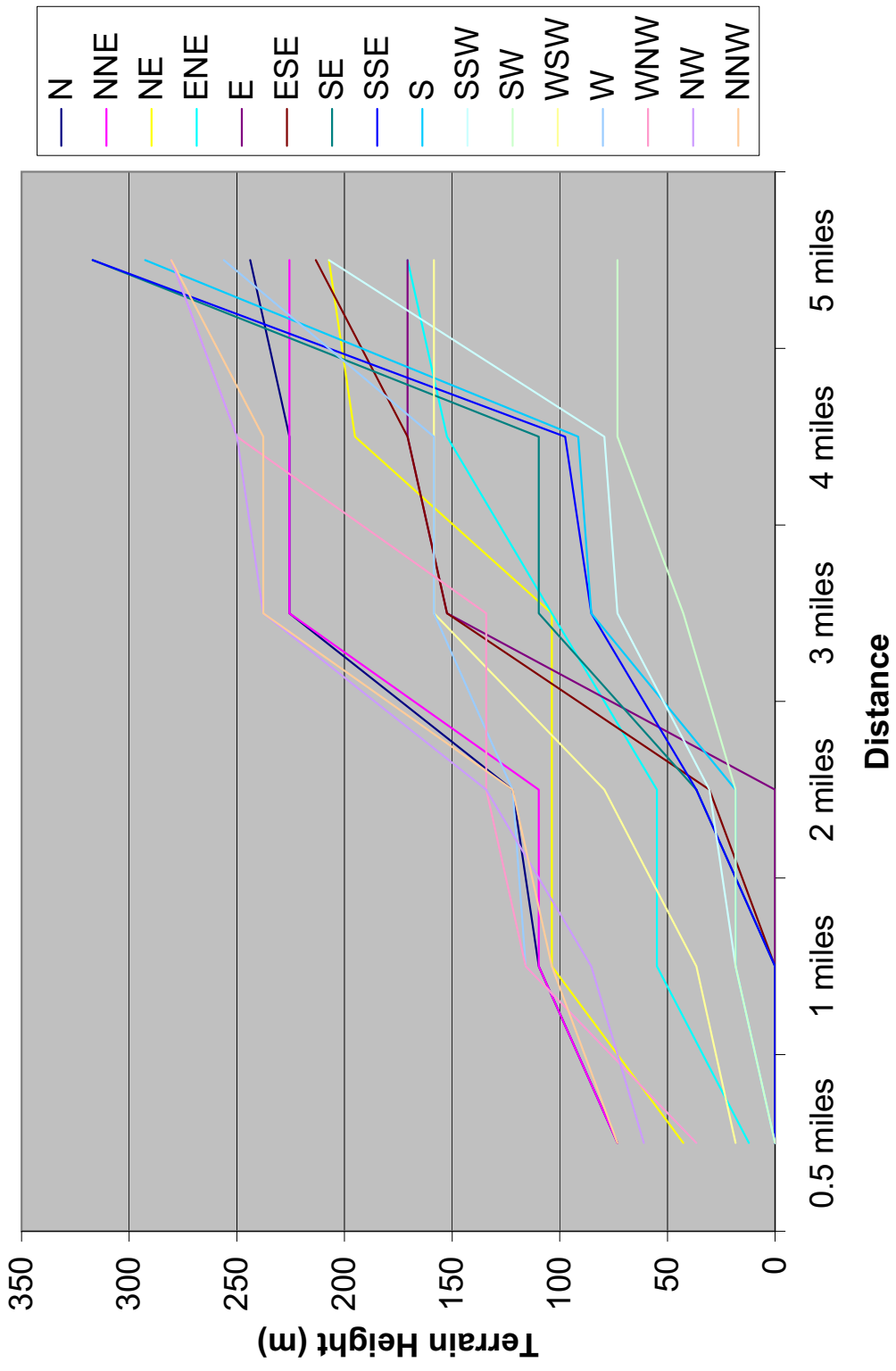


Figure 2.7-92— Maximum Terrain Heights, With Respect to Finished Floor Grade, 0-5 Miles Downwind of Bell Bend by Compass Sector

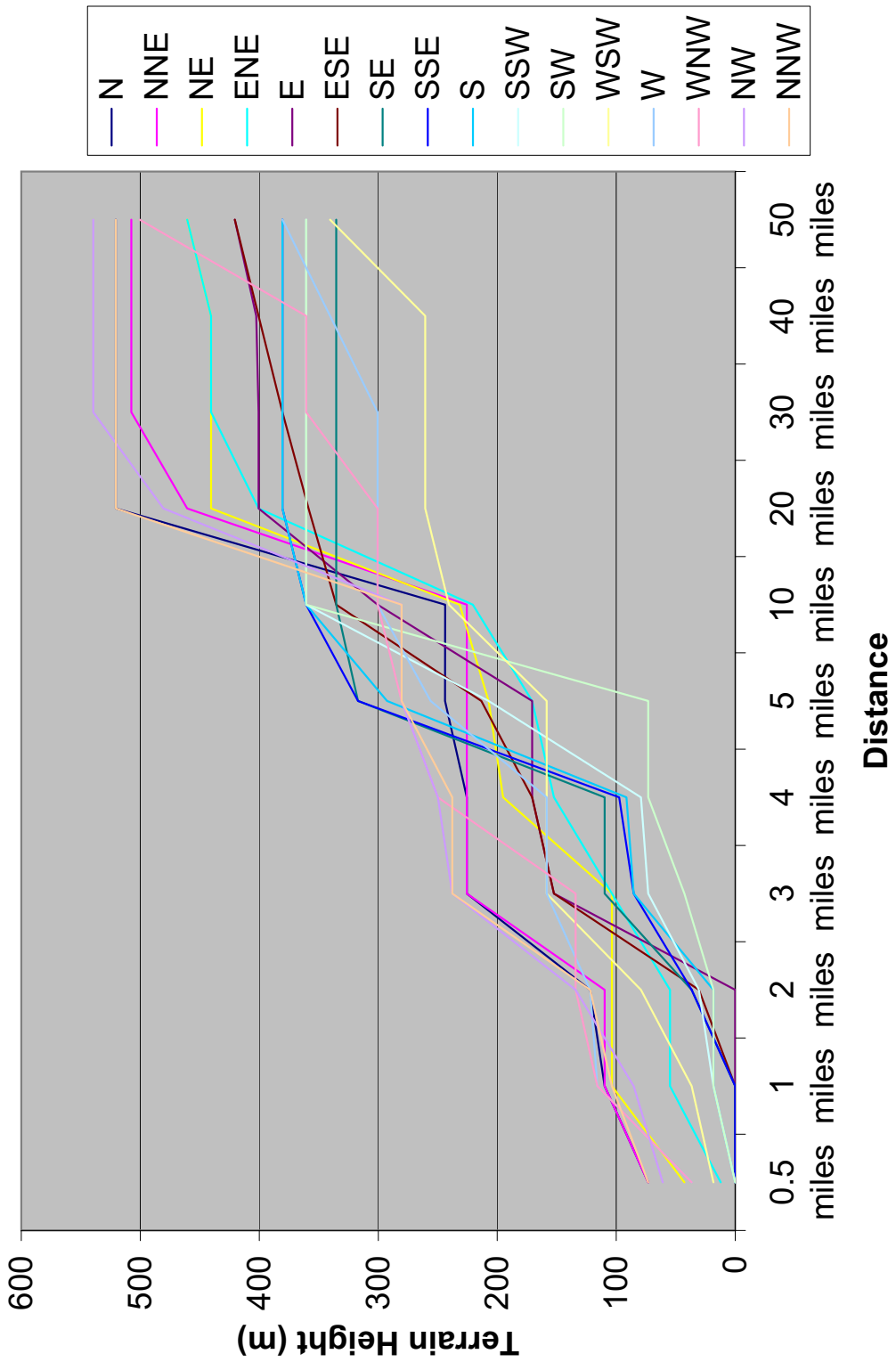


Figure 2.7-93— Maximum Terrain Heights, With Respect to Finished Floor Grade, 0-50 Miles Downwind of Bell Bend by Compass Sector

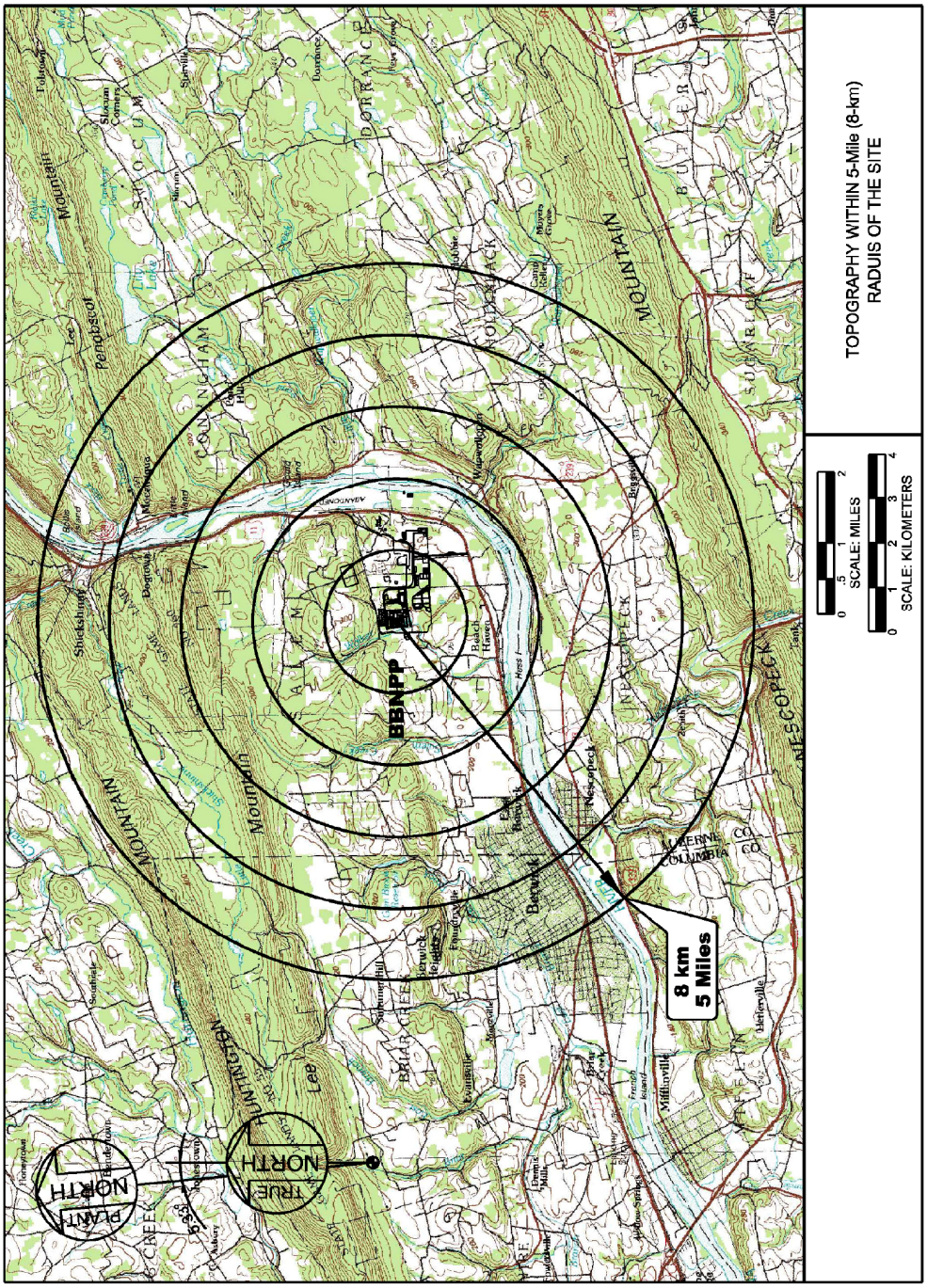


Figure 2.7-94— Topographical Features Within 5 Miles (8 Kilometers) of Bell Bend

Figure 2.7-95— Topographical Features Within 50 Miles (80 Kilometers) of Bell Bend

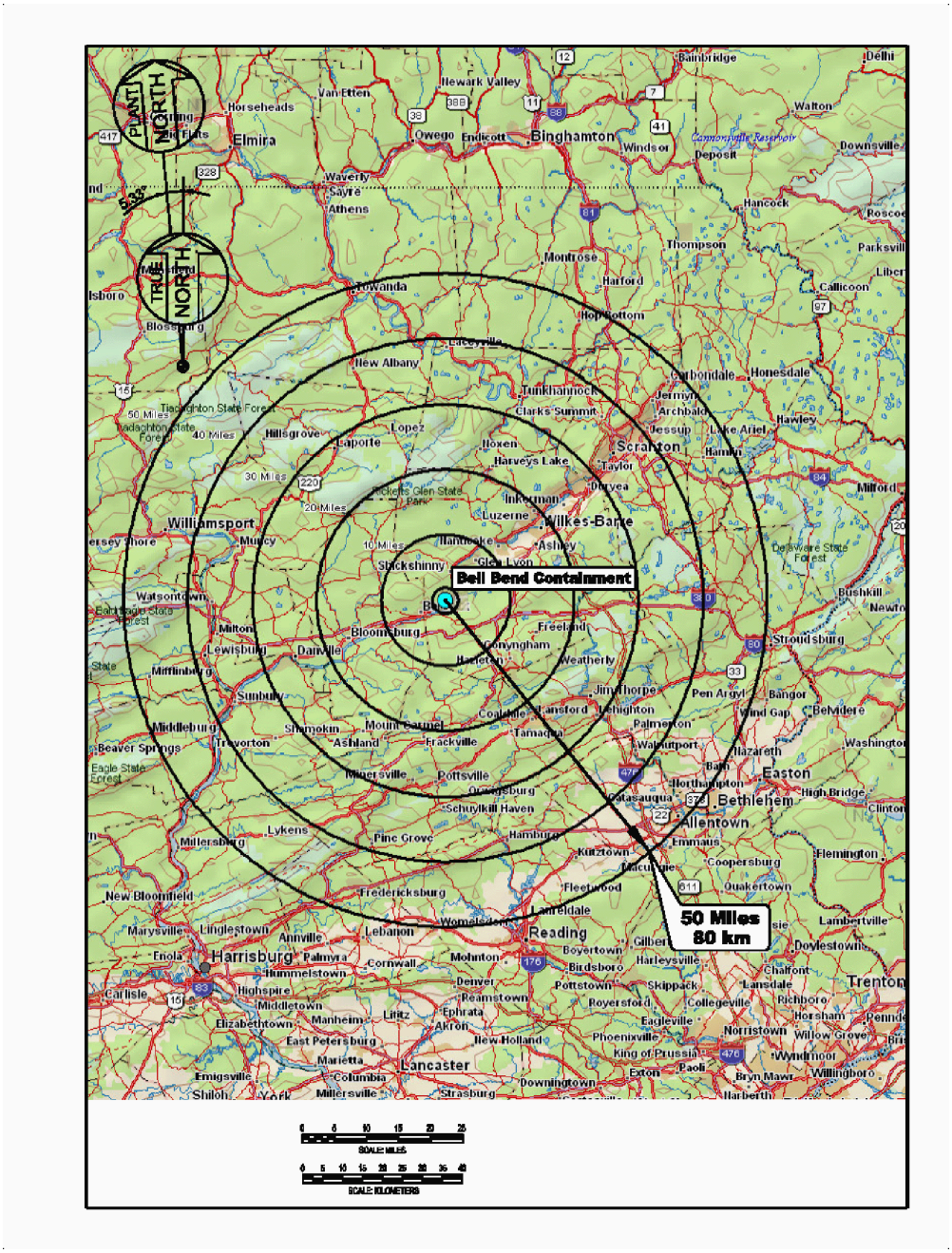


Figure 2.7-96— Monthly Average Mixing Heights

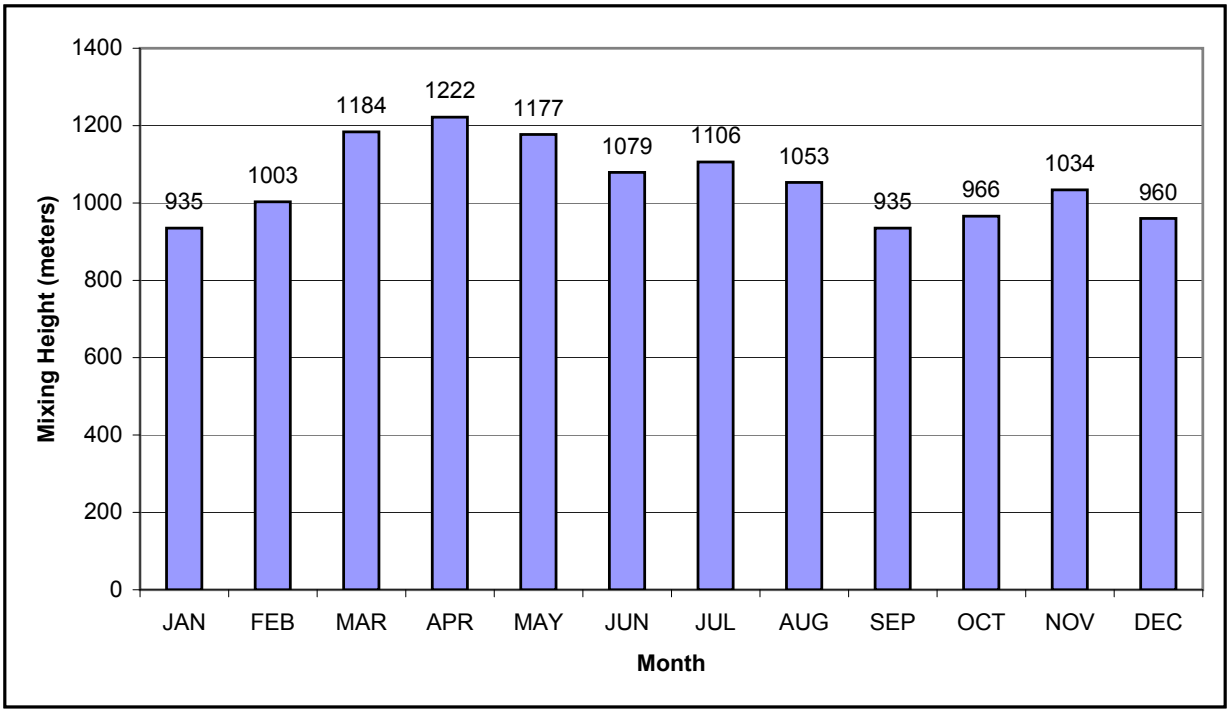


Figure 2.7-97— Baseline BBNPP Leaf-Off Sound Survey Measurement Locations

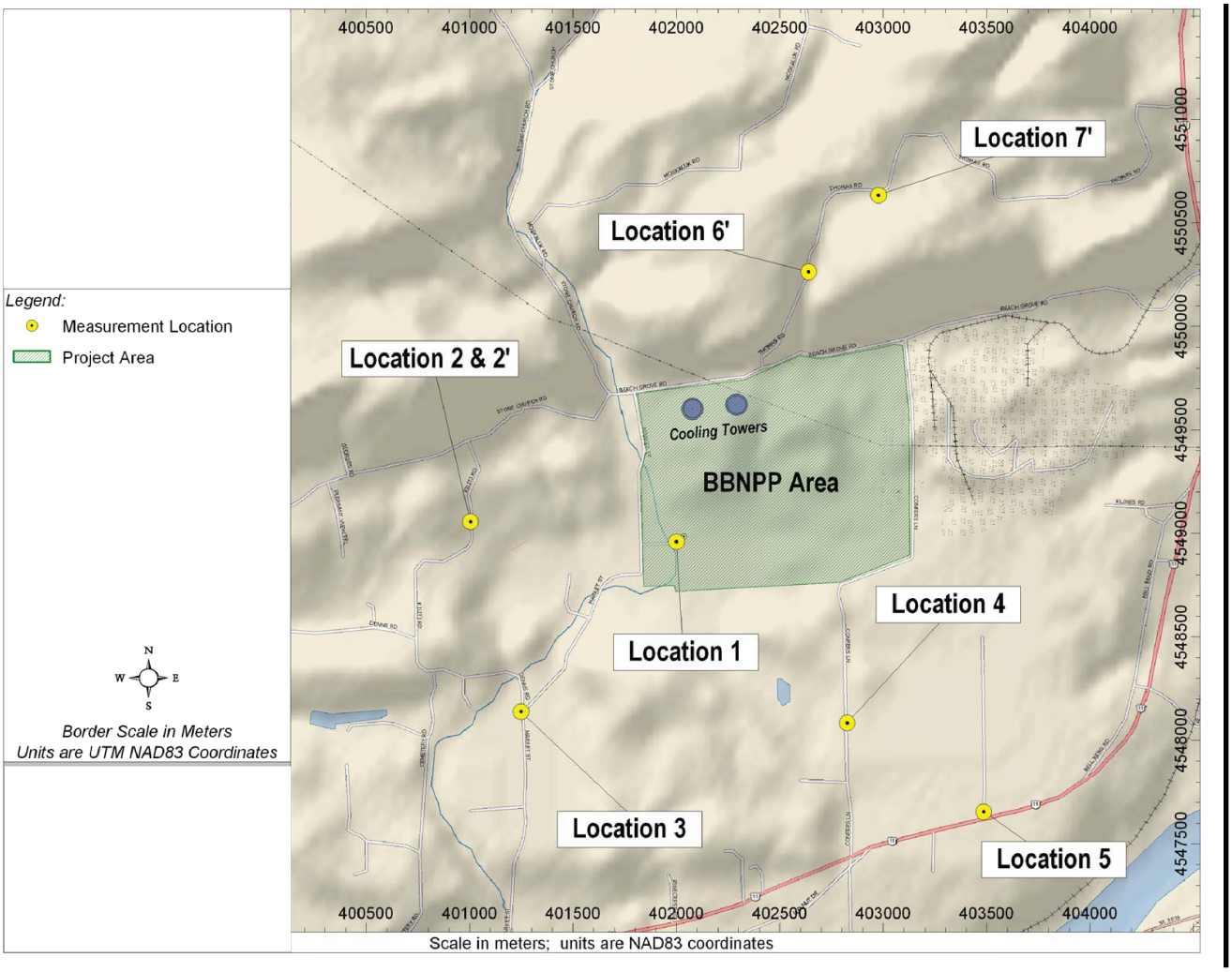


Figure 2.7-98— Measured Hourly Residual (L90) Sound Levels at Survey